

SYSTIMAX® solutions

North American ordering guide | Q1 2026

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Reimagine the possibilities

Rapidly advancing network applications and intensifying user demands are re-defining the infrastructure requirements for enterprise networks. Challenges like hyperconnectivity, ultra-reliable/low-latency performance, network convergence and power/data delivery to the edge are just some of the new realities for today's enterprise and campus networks. They're not new to CommScope. We saw them coming and have been working to ensure our customers have the innovative solutions and services they need to respond.

They spoke, we listened

At its core, the SYSTIMAX brand has always reflected the unique relationship we share with our customers. For nearly 40 years, our on-going dialogue with them has inspired us to deliver breakthrough innovation. We asked them what keeps them awake at night.

- **More flexible and efficient change management:** As networks evolve and grow more complex, customers are concerned about how they'll manage the on-going changes. Their concerns include speed of deployment, global availability, network visibility, edge-based support and more.
- **Meaningful sustainability:** Network managers are under more pressure to meet their sustainability objectives, with many looking to minimize the environmental impacts of major upgrade projects as their networks evolve.
- **360 degrees of support:** With today's advanced networks, even the best IT staff can find it hard to keep up. They need support that is comprehensive, trusted, proactive, experienced and global.

Our customers spoke, we listened and the result is the **SYSTIMAX® 2.0 portfolio of solutions**.

With renewed passion, relentless innovation, and customer commitment, the SYSTIMAX 2.0 portfolio reimagines the possibilities for enterprise building and campus networks. Expanded network capabilities, standard-setting performance, consistent reliability and industry-leading sustainability. The portfolio is built on five pillars: copper, fiber, network intelligence, edge and extended distance solutions, and premium customer support. Together, they provide an end-to-end solution for virtually any structured cabling environment, application or challenge.

In this ordering guide, you will find all the solutions that comprise the new SYSTIMAX portfolio. If, after reading through this guide, you have any questions, please don't hesitate to contact your CommScope SYSTIMAX brand representative. Re-imagined, re-energized and ready to re-write the rules of enterprise network connectivity. **Welcome to SYSTIMAX 2.0.**



Built on a legacy of innovation and performance

In the mid to late '80s, SYSTIMAX engineers pioneered the structured cabling industry. Since then, our fiber, copper and network intelligence solutions have advanced the industry—re-writing the standards and redefining how building, data center and campus networks connect. Today, the SYSTIMAX portfolio is an award-winning brand of infrastructure solutions, known for unmatched reliability and performance that continues to evolve ahead of the standards. No wonder 70% of Fortune 100 companies rely on SYSTIMAX solutions to power their networks the world over.



1 Copper solutions

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Category 6A solutions

GigaSPEED X10D® Category 6A

For many enterprise networks, 1000BASE-T has become a bottleneck, an unacceptable limiting factor for network evolution. As businesses prioritize extending the network's capabilities to support new applications and increased demand, they must step up to the next-generation structured cabling technology found in the SYSTIMAX® GigaSPEED X10D® solution.

Launched two years before the 10GBASE-T standards were published, the GigaSPEED X10D portfolio of shielded and unshielded Cat 6A solutions performs best where it matters most. While Category 6A can outperform the PoE capabilities of Category 5e and Category 6, GigaSPEED X10D solutions are tested and verified to provide the thermal and electrical performance that exceeds the latest PoE standards as well as other Category 6A cabling solutions on the market. This makes it a preferred solution for building and campus networks.

Exceeds Category 6A/Class EA standards

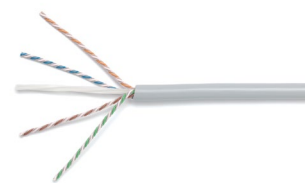
- Reduced-diameter UTP cables
- Eliminates the "15 meter" rule
- Robust construction overcomes noisy environments
- Available as InstaPATCH® Cu preterminated solution
- Intelligent/intelligent-ready options for SYSTIMAX imVision® automated infrastructure management

In the data center, GigaSPEED X10D UTP connectors and cords minimize internal channel and alien crosstalk for applications above 1000BASE-T. As a result, data center managers can cost-effectively support increasing server virtualization and higher uplink speeds for distances up to 100 meters.

In addition to high-performance cabling, connectors and patch cords, the GigaSPEED X10D ecosystem also includes a wide range of panels, jacks and ceiling connector assemblies. It also integrates with the SYSTIMAX VisiPatch 360® patching and cable management solution to support high-density fiber deployments and easier management. Its small diameter and availability as part of the InstaPATCH Cu preterminated cabling system make the GigaSPEED X10D family an ideal solution for server-to-access/leaf switch connectivity.

Category 6A solutions

GigaSPEED X10D® Category 6A platform: Cables



GigaSPEED X10D U/UTP 1091B non-plenum cables

Material ID	Product number	Pair count	Jacket color*	Length	Packaging
760107144	1091B WH 4/23 W1000	4	White	1,000 ft (305 m)	We Tote Box
760107078	1091B SL 4/23 W1000	4	Slate	1,000 ft (305 m)	We Tote Box
760107094	1091B BL 4/23 W1000	4	Blue	1,000 ft (305 m)	We Tote Box
760107102	1091B LB 4/23 W1000	4	Light Blue	1,000 ft (305 m)	We Tote Box
760107151	1091B YL 4/23 W1000	4	Yellow	1,000 ft (305 m)	We Tote Box

GigaSPEED X10D U/UTP 1091SD non-plenum cables

The letters SD in the cable name stand for “small diameter.”

Material ID	Product number	Pair count	Jacket color*	Length	Packaging
760240218	1091SD BL 4/23 R1000	4	Blue	1,000 ft (305 m)	Reel
760240220	1091SD WH 4/23 R1000	4	White	1,000 ft (305 m)	Reel
760240222	1091SD SL 4/23 R1000	4	Slate	1,000 ft (305 m)	Reel

GigaSPEED X10D U/UTP 2091B plenum cables

Material ID	Product number	Pair count	Jacket color*	Length	Packaging
760107268	2091B WH 4/23 W1000	4	White	1,000 ft (305 m)	We Tote Box
760107250	2091B SL 4/23 W1000	4	Slate	1,000 ft (305 m)	We Tote Box
760107201	2091B BL 4/23 W1000	4	Blue	1,000 ft (305 m)	We Tote Box
760107276	2091B YL 4/23 W1000	4	Yellow	1,000 ft (305 m)	We Tote Box

GigaSPEED X10D U/UTP 2091SDB plenum cables

The letters SD in the cable name stand for “small diameter.”

Material ID	Product number	Pair count	Jacket color*	Length	Packaging
760253621	2091SDB BL 4/23 R1000	4	Blue	1,000 ft (305 m)	Reel
760253622	2091SDB WH 4/23 R1000	4	White	1,000 ft (305 m)	Reel
760253623	2091SDB SL 4/23 R1000	4	Slate	1,000 ft (305 m)	Reel

* Other colors available, contact your local sales representative

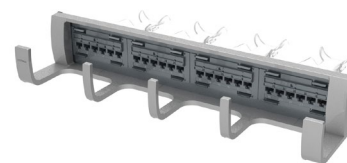
Category 6A solutions

GigaSPEED X10D® Category 6A platform: Panels



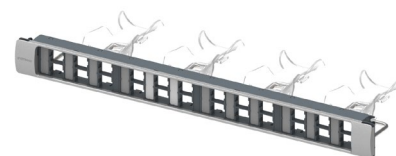
GigaSPEED X10D 1100GS6 panels

Material ID	Product number	Description	Intelligent-upgradable
760152587	360-IPR-1100-E-GS6-1U-24	360™ GigaSPEED X10D® Unshielded Panel Cat6A, 1U, 24 port, Silver	Yes
760152595	360-IPR-1100-E-GS6-2U-48	360™ GigaSPEED X10D® Unshielded Panel Cat6A, 2U, 48 port, Silver	Yes
760151324	360-IPR-1100A-E-GS6-1U-24	360™ GigaSPEED X10D® Unshielded Angled Panel Cat6A, 1U, 24 port, Silver	Yes
760151779	360-IPR-1100A-E-GS6-2U-48	360™ GigaSPEED XL® Unshielded Angled Panel Cat6A, 2U, 48 port, Silver	Yes
760151183	360-IPR-1100-GS6-DM6	360™ GigaSPEED X10D® Unshielded Distribution Module Cat6A, 6 port, Gray	N/A
760155739	360-E-KIT-1U	360™ GigaSPEED X10D® and GigaSPEED XL® Unshielded Panel Kit, 1U, Silver	Yes
760155747	360-E-KIT-2U	360™ GigaSPEED X10D® and GigaSPEED XL® Unshielded Panel Kit, 1U, Silver	Yes
760152785	360-A-E-KIT-1U	360™ GigaSPEED X10D® and GigaSPEED XL® Unshielded Angled Panel Kit, 1U, Silver	Yes
760152793	360-A-E-KIT-2U	360™ GigaSPEED X10D® and GigaSPEED XL® Unshielded Angled Panel Kit, 2U, Silver	Yes



GigaSPEED X10D® PATCHMAX® GS6 panels

Material ID	Product number	Description	Intelligent-upgradable
760102251	360-PM-GS6-2U-24	360™ GigaSPEED X10D® PATCHMAX® GS6 Unshielded Patch Panel, Cat6A, 2U, 24 port, Silver	Yes
760128207	360-PM-GS6-2U-48	360™ GigaSPEED X10D® PATCHMAX® GS6 Unshielded Patch Panel, Cat6A, 2U, 48 port, Silver	Yes
760102277	360-PM-GS6-DM6	360™ GigaSPEED X10D® PATCHMAX® Unshielded Distribution Module Cat6A, 6 port, Gray	No



SYSTIMAX 360™ modular panels

Material ID	Product Number	Description
760187187	360-E-MOD-1U-24	360™ Evolve 24-port flat panel, Silver
760187195	360-E-MOD-2U-48	360™ Evolve 48-port flat panel, Silver
760187203	360-E-ANG-MOD-1U-24	360™ Evolve 24-port angled panel, Silver
760187211	360-E-ANG-MOD-2U-48	360™ Evolve 48-port angled panel, Silver
760187179	360-E-MOD-B-KIT	360™ M-Series Bezel, (4 ea/pkg), Gray

Category 6A solutions

GigaSPEED X10D® Category 6A platform: Panels



M-Series modular panels

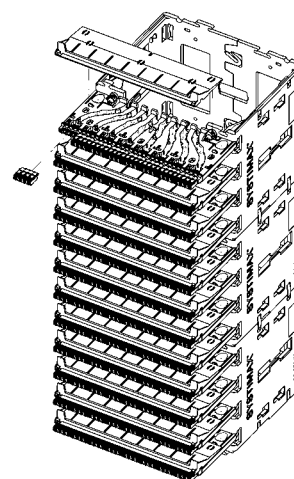
Material ID	Product number	Description
760105429	M4800-1U	M4800 1U Modular Panel, 48 port, Black
760109744	M4800A-1U	M4800 1U Angled Modular Panel, 48 port, Black
760118323	M2400 -1U	M2400 1U Modular Panel, 24 port, Black
760118349	M2400A 1U	M2400 1U Angled Modular Panel, 24 port
760104737	360-RCM-RM	Rear Cable Management, rack mountable
760262899	M4800-1U-RCM	M4800 1U Modular Panel, 48 port, incl RCM, Black
760262900	M4800A-1U-RCM	M4800 1U Angled Modular Panel, 48 port, incl RCM, Black

Category 6A solutions

SYSTIMAX VisiPatch 360® solution

Patch panel kits

MID	Product ID	Description	Component description	Qty
760049445	VP360-4U-32P	VisiPatch 360 4U (32 ports) Kit	VisiPatch 360 Back Panel 4U	1
			VisiPatch 360 Wiring Block	4
			VisiPatch 360 Wiring Block Cover	4
			VisiPatch 360 Connecting Block	32
			VisiPatch Label Holder	4
			White Label	12
760049452	VP360-12U-96P	VisiPatch 360 12U (96 ports) Kit	VisiPatch 360 Back Panel 12U	1
			VisiPatch 360 Wiring Block	12
			VisiPatch 360 Wiring Block Cover	12
			VisiPatch 360 Connecting Block	96
			VisiPatch Label Holder	12
			White Label	12
760074278	VP360-19PNL-KT	VisiPatch 360 19 in 1U Panel Kit	VisiPatch 360 19 in 1U Panel	1
			VisiPatch 360 Wiring Block	2
			Wiring Block Cover	2
			VisiPatch 360 Connecting Block	16
			VisiPatch Label Holder	2
			White Label	12
			Screw, #12-24 x 0.50 in	4



VP360-12U-96P

Patch cord

Material ID	Product number	Description	Jack color options	Cord color options	UOM	Cable/cordage length options
VisiPatch 360 system GigaSPEED X10D patch cord						
CPCFFX2	VP360T-VP360T-P8X10D	VisiPatch 360-VisiPatch 360 X10D 4-pair Solid Cord T	0	1,2,3,8,9,C,Z	F,M	7-100ft / 2-30m
CPCFSX2	VP360T-360GS10E	VisiPatch 360-360GS10E X10D 4-pair Solid Hybrid Cord T	0	1,2,3,8,9,C,Z	F,M	7-100ft / 2-30m
CPCFSXG	VP360T-360GS10E-A	VisiPatch 360-360GS10E X10D 4-pair Solid Hybrid Cord T, A-wired	0	1,2,3,8,9,C,Z	F,M	7-100ft / 2-30m
CPCFFXD	VP360T-VP360T-P8X10D-XD	VisiPatch 360-VisiPatch 360 X10D 4-pair Solid Cord Crossover T	0	1,2,3,8,9,C,Z	F,M	7-100ft / 2-30m
CPCFFZ2	VP360T-VP360T-P8X10D-L	VisiPatch 360-VisiPatch 360 X10D 4-pair LSZH Solid Cord T	0	1,2,3,8,9,C,Z	F,M	7-100ft / 2-30m
CPCFSZ2	VP360T-360GS10E-L	VisiPatch 360-360GS10E-L X10D 4-pair LSZH Solid Hybrid Cord T	0	1,2,3,8,9,C,Z	F,M	7-100ft / 2-30m

Ordering material ID example: CPCFFX2 - 0 3 F 0 0 7

Cord color options

- | | |
|-------------------|---------------|
| 1 Black (BK) | 9 Yellow (YL) |
| 2 Light Blue (LB) | C Slate (SL) |
| 3 Dark Gray (DG) | Z Blue (BL) |
| 8 White (WH) | |

Category 6A solutions

SYSTIMAX VisiPatch 360® solution

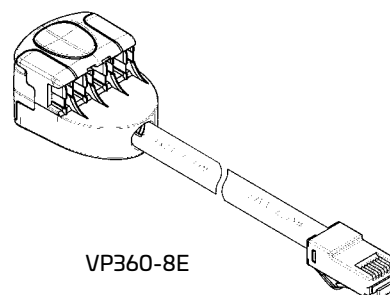
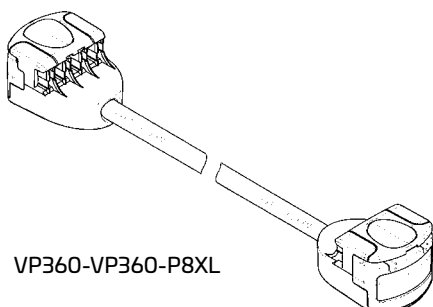
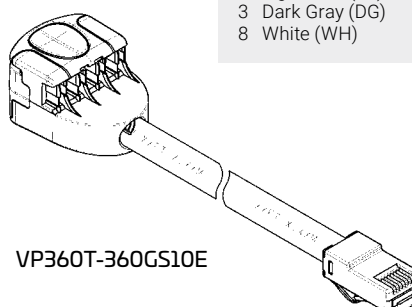
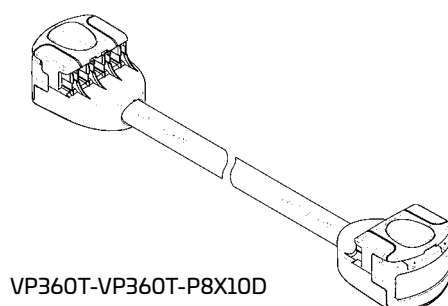
Patch cord

Material ID	Product number	Description	Jack color options	Cord color options	UOM	Cable/cordage length options
VisiPatch® 360 system GigaSPEED® XL patch cord						
CPCFF12	VP360-VP360-P8XL	VisiPatch 360-VisiPatch 360 XL 4-pair Cord	0	1,2,3,8,9,Z	F,M	1-100ft / 1-30m
CPCF312	VP360-GS8E	VisiPatch 360-GS8E XL 4-pair Hybrid Cord	0	1,2,3,8,9,Z	F,M	1-100ft / 1-30m
CPCFF92	VP360-VP360-P8XL-L	VisiPatch 360-VisiPatch 360 XL 4-pair LSZH Cord	0	1,2,3,8,9,Z	F,M	1-100ft / 1-30m
CPCF392	VP360-GS8E-L	VisiPatch360-GS8E XL 4-pair LSZH Hybrid Cord	0	1,2,3,8,9,Z	F,M	1-100ft / 1-30m

Ordering material ID example: CPCFF12 - 03F007

Cord color options

- | | |
|-------------------|---------------|
| 1 Black (BK) | 9 Yellow (YL) |
| 2 Light Blue (LB) | C Slate (SL) |
| 3 Dark Gray (DG) | Z Blue (BL) |
| 8 White (WH) | |



Recommended label sizes for patch cord plugs are:
3/8 in H x 7/8 in W for four-pair

Patch cord (small diameter cordage)

Material ID	Product number	Description	Jack color options	Cord color options	UOM	Cable/cordage
VisiPatch 360 system GigaSPEED X10D patch cord – Small diameter cordage						
CPCFFV2	VP360T-VP360T-P8_MiNo6A	VisiPatch 360_MiNo6A-VisiPatch 360_MiNo6A X10D 4-pair Solid Cord T	0	3, 8	F,M	3-33 ft/1-10 m
CPCFMV2	VP360T- MiNo6A-RJ45-P8_MiNo6A	VisiPatch 360_MiNo6A-RJ45_MiNo6A X10D 4-pair Solid Cord T	0	3, 8	F,M	3-33 ft/1-10 m

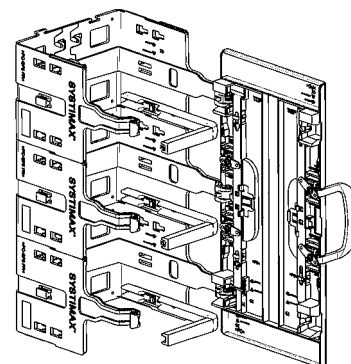
Ordering material ID example: CPCFFV2 - 03F007

Category 6A solutions

SYSTIMAX VisiPatch 360® solution

Cable manager kits—vertical

MID	Product number	Description	Component description	Qty
760236389	VP360-12U-10VTCM	VisiPatch 360 12U Vertical Trough Cable Mgr Kit e/w Door, 10 in	VisiPatch 360 12U VTCM Door, 10 in 4U Spacer Module 4U Spacer Module Extender Macro Cable/Cord Retainer	1 3 3 3



VP360-12U-10VTCM

Cable manager kits—horizontal

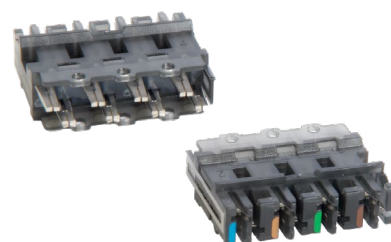
MID	Product number	Description	Component description	Qty
760060343	VP360-HCM-Kit-19	VisiPatch 360 Horizontal Cable Mgr Kit, 19 in	4U Back Panel Base Horizontal CM Trough Horizontal Trough Cover, 19 in	1 2 2
760060301	VP360-HCM-Kit-27	VisiPatch 360 Horizontal Cable Mgr Kit, 27 in	4U Back Panel Base Horizontal CM Trough Horizontal Trough Cover, 27 in	2 4 2
760060871	VP360-HCM-Kit-37	VisiPatch 360 Horizontal Cable Mgr Kit, 37 in	4U Back Panel Base Horizontal CM Trough Horizontal Trough Cover, 37 in	2 4 2

Category 6A Solutions

SYSTIMAX VisiPatch 360® solution

Accessories

MID	Product number	Description	Component description	Qty
760060277	VP360-CB-10	VisiPatch 360 Connecting Block, 10/pk	VisiPatch 360 Connecting Block	10
760060251	VP360-4U-BPK	VisiPatch 360 4U Back Panel Kit	VisiPatch 360 Back Panel 4U Metal Clip	2 12
760060327	VP360-2U-RMBKT	VisiPatch 360 19 in Rack Mount Bracket	19 in Rack Mounting Bracket	1
760060335	VP360-CBF-SK	VisiPatch 360 Cable Bundle Fastener Kit, Small	Micro Cable/Cord Retainer	4
760074286	VP360-32PR-WB	VisiPatch 360 Wiring Block Kit	VisiPatch 360 Wiring Block Index Strip Wiring Block Cover VisiPatch 360 Connecting Block VisiPatch Label Holder White Label	2 2 2 16 2 12
760080630	VP360-SIDEPNL	VisiPatch 360 Side Panel	VisiPatch 360 Side Panel	3
760074294	VP360-19PNL	VisiPatch 360 19 in 1U Panel	VisiPatch 360 19 in 1U Panel Screw, #12-24 x 0.50 in	1 4
760236390	VP360-12U-Door-10	VisiPatch 360 12U Door, 10 in. wide		1
760072488	VP-Label	VisiPatch 360 4 Pair Cord Label		5 (260 labels/sheet)
760130104	VP360-8FILLERPLUG-KIT	VisiPatch 360 4-Pair Filler Plug Kit, 8/pk	Component Desc: 8 GigaSPEED X10D 4-Pair VisiPatch 360 Filler Plugs Without Metal Contacts	8
108528464	110BG3-2688L	Blue Label		96



VP360-CB-10



VP360-19PNL



VP360-8FILLERPLUG-KIT

Tool kits

MID	Product number	Description	Component description	Qty
760142463	VP360-914-BIT-E	GigaSPEED X10D VisiPatch 360 1-Pair Tool Bit, E version	This tool suits the D914 Fluke tool handle	1
760225573	VP360-SEATING TOOL	GigaSPEED X10D VisiPatch 360 4-Pair Head	4-pair block punch down block	1
760225565	VP360 Punchdown Tool	GigaSPEED X10D VisiPatch 360 4-pair cutting tool kit with two extra blades	The seating tool and cutting tool suit the Paladin PA 3561 handle.	1



VP360-914-BIT-E



VP360-SEATING TOOL



VP360 PUNCHDOWN TOOL

Category 6A solutions

GigaSPEED X10D® Category 6A platform: Jacks

GigaSPEED X10D MGS600 series information outlet

Material ID	Product number	Color
760092361	MGS600-BK	Black
760092379	MGS600-OR	Orange
760092387	MGS600-YL	Yellow
760092403	MGS600-GN	Green
760092411	MGS600-IV	Ivory
760092429	MGS600-WH	White
760092437	MGS600-GY	Gray
760092445	MGS600-RD	Red
760092452	MGS600-BL	Blue
760092460	MGS600-VI	Violet
760199026	MGS600-P.WH	Pro White
760250045	ECO MGS600-WH-24	White
760250046	ECO MGS600-BK-24	Black
760250047	ECO MGS600-BL-24	Blue
760250048	ECO MGS600-IV-24	Ivory
760252394	ECO MGS600-GN-24	Green
760252397	ECO MGS600-OR-24	Orange



GigaSPEED X10D 360GS10E modular patch cord configurator

-0

Material ID

CPCSSX2	360GS10E Solid Cordage
CPCSSY2	360GS10E Solid Plenum Cordage
CPCS4X2	360GS10E Single-ended Solid Cordage
CO199K2	MiNo6A reduced Diameter Cat 6A LS-CM Patch Cord

Length

XXX

1-100 feet / 1-30 meters

Cord color

1	Black	9	Yellow
2	Light Blue	B	Lilac
3	Dark Gray	C	Gray
4	Spring Green	K	Pink
6	Orange	L	Violet
7	Red	M	Green
8	White	Z	Blue

Unit of measure

F	Foot
M	Meter

Cord color options (below) are limited as follows:

CPCSSX2: 1, 2, 3, 4, 6, 7, 8, 9, B, C, K, L, Z

CPCSSY2: 1, 4, 6, 7, 8, 9, C, M, Z

CPCS4X2: 1, 2, 3, 4, 6, 7, 8, 9, B, C, L, Z

CO199K2: 1, 2, 3, 4, 7, 8, 9, K, L, Z

Category 6A solutions

GigaSPEED X10D® Category 6A platform: Ceiling connector assemblies

Ceiling connector assemblies

Material ID	Product number	Description
760235591	CCA-CAT6A-PLENUM-BLACK-N018	Category 6A U/UTP cord, plenum, RJ45 to ceiling connector, 1.5 ft, black
C01SJQ2-88N018	CCA-CAT6A-WH-18IN	Category 6A U/UTP Cord, Plenum, RJ45 to ceiling connector, 18 in, white
C01SJQ2-88F0XX	CCA-6A-P-WH-XXFT	Category 6A U/UTP Cord, Plenum, RJ45 to ceiling connector, XX* ft, white
COPSJQ2-88F00X	CCA-6A-L-WH-XXFT	Category 6A U/UTP Cord, LSZH, RJ45 to ceiling connector, XX* ft, white
COPSJQ2-88N018	CCA-6A-L-WH-18IN	Category 6A U/UTP Cord, LSZH, RJ45 to ceiling connector, 18 in, white
760244061	CCA-BK	Ceiling Connector Assembly (CCA) without cordage, black
760234921	CCA-WH	Ceiling Connector Assembly (CCA) without cordage, white

*XX – 02, 03, 07, 11, 15, 20, 25, 30, 40, 50 Feet



Category 6A solutions

GigaSPEED X10D® Category 6A platform:
InstaPATCH® Cu configurator

	1	2	3	4	5	6	7	8	9	10	11		12		
C	A	A	A	C	-	1	1	H	A	B	B	F	0	5	0

Cable type	
1	A Cat 6A X10D – U/UTP (Plenum)
	B Cat 6A X10D – U/UTP (Riser)
	C Cat 6A X10D – U/UTP (LSZH)
	D Cat 6A X10D – F/UTP (Plenum)
	E Cat 6A X10D – F/UTP (Riser)
	F Cat 6A X10D – F/UTP (LSZH)
	K Cat 6A X10D – S/FTP (non-plenum)
	L Cat 6A X10D – S/FTP (LSZH)
	Q Cat 7 – S/FTP Class D Rated (LSZH)
	S Cat 6A – U/UTP Class B Rated (LSZH)
	T CAT6A – F/FTP Class B Rated (LSZH)
	U CAT6A – F/FTP Class D Rated (LSZH)
	V Cat7A – S/FTP Class D Rated (LSZH)
	X SD Cat 6A X10D – U/UTP (Plenum)
	Y SD Cat 6A X10D – U/UTP (Riser)

Connector A

2	A Outlet* – Single Row Standard Density
	B Outlet* – Dual Row Standard Density
	C Outlet* – Dual Row High Density
	G RJ45 Plug* – Single Row Standard Density
	H RJ45 Plug* – Dual Row Standard Density
	J RJ45 Plugcc – Dual Row High Density
	K Outlet MGS600S* – Single Row Standard Density
	N 1100 Module
	R 360 1100 Evolve Module
	S OneLink 2x6
	T OneLink 2x4

Connector B

3	A Outlet* – Single Row Standard Density
	B Outlet* – Dual Row Standard Density
	C Outlet* – Dual Row High Density
	G RJ45 Plug* – Single Row Standard Density
	H RJ45 Plug* – Dual Row Standard Density
	J RJ45 Plug* – Dual Row High Density
	K Outlet MGS600S* – Single Row Standard Density
	N 1100 Module
	R 360 1100 Evolve Module
	S OneLink 2x6
	T OneLink 2x4
	X Blunt

Link

4	B 6
	C 8
	D 12
	E 16
	F 18
	G 24

Orientation A

5	1 Trident Series Flat
	2 Right Paired Flat
	3 Right Series Flat
	4 Left Paired Flat
	5 Left Series Flat
	6 Trident Paired Flat
	A Trident Series Angled
	B Right Paired Angled
	C Right Series Angled
	D Left Paired Angled
	E Left Series Angled
	F Trident Paired Angled

Orientation B

6	1 Trident Series Flat
	2 Right Paired Flat
	3 Right Series Flat
	4 Left Paired Flat
	5 Left Series Flat
	6 Trident Paired Flat
	A Trident Series Angled
	B Right Paired Angled
	C Right Series Angled
	D Left Paired Angled
	E Left Series Angled
	F Trident Paired Angled
	X Not Applicable

Bundling

7	H Hook-n-loop Black
	S Sleeving Black

Labeling

8	A Generic Label
---	-----------------

Outlet color

9	0 Not Applicable
	1 Black (BK)
	2 Blue (BL)
	8 White (WH)

Jacket color

10	3 Dark Gray (DG)
	8 White (WH)
	C Slate (SL)
	Z Blue (BL)

UOM

11	F Foot
	M Meter

Length

12	XXX
----	-----

Cords > 1 m are authorized for use in channels and are an effective stand-alone method used to connect active devices

- Cords < 1 m are also valid elements for use in a channel or as an equipment interconnect, but, due to their limited length, they are not guaranteed to meet component compliance requirements that were developed to assess the quality of longer cords

* Note: Connector A,G B,H and C,J applications:

A Outlet/G Plug - Single Row Standard Density (supports M2400, M2400A, 360-MFTP panels)

B Outlet/H Plug - Dual Row Standard Density (supports CPP-UDDM, CPPA-UDDM, 360-MOD-M UTP panels)

C Outlet/J Plug - Dual Row High Density (supports M4800, M4800A UTP panels)

K Outlet/G Plug - Single Row Standard Density (supports 360-IPR-SMOD panel)

Configurations are not limited to the above.

Please contact your local sales representative for more information.

Category 6A solutions

GigaSHIELD X10D™ shielded Category 6A platform

The rise of the hyperconnected, AI-enabled enterprise is reshaping the network. As Industry 4.0/5.0 devices and systems are deployed across buildings and campuses, and as network noise increases, the network's copper-heavy access layer must provide more of everything—especially when it comes to shielded twisted-pair applications.

- **More effective shielding for better throughput and latency**
- **More streamlined deployment, change management and scaling**
- **More flexibility to modify and reconfigure channels—indoors and out**
- **More automated network intelligence**
- **More manageable, thinner jumpers—easier to handle and connect**
- **More end-to-end thinking for a more unified platform**
- **More sustainability**

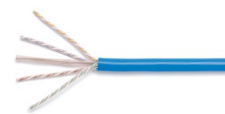
SYSTIMAX GigaSHIELD™ X10D F/UTP shielded Cat 6A platform delivers more of everything that matters. Manufactured and tested to exceed the standards-based specifications for channel performance, it is the only shielded Cat 6A solution fully backed and supported by SYSTIMAX Assurance™. At the heart of the GigaSHIELD X10D portfolio are its four-pair F/UTP cables. Featuring an aluminum foil tape and isolating center member, they provide an extra margin of performance for high-bandwidth applications.

The GigaSHIELD X10D portfolio also includes F/UTP patch cords. Modular and flexible, they deliver best-in-class EMI/RFI rejection performance for secure patching in noisy environments. A patented plug design features a distinctive metallized construction, low-profile rear housing, and anti-snag latch for easy, error-free installation and rapid field identification.

GigaSHIELD X10D outlet jacks include the innovative MGS600S RJ45 jack with the compact footprint of an M-Series modular jack. When deployed with the SYSTIMAX JTT termination tool, these outlets install accurately, quickly and consistently.

Category 6A solutions

GigaSHIELD X10D™ shielded Category 6A platform: Cables



GigaSPEED X10D® F/UTP 1291B non-plenum cables

Material ID	Product number	Pair count	Jacket color*	Length	Packaging
760081364	1291B BL 4/23 R1000	4	Blue	1,000 ft (305 m)	Reel
760081406	1291B WH 4/23 R1000	4	White	1,000 ft (305 m)	Reel
760081398	1291B SL 4/23 R1000	4	Slate	1,000 ft (305 m)	Reel

GigaSPEED X10D® F/UTP 2291B plenum cables

Material ID	Product number	Pair count	Jacket color*	Length	Packaging
760122630	2291B BL 4/23 R1000	4	Blue	1,000 ft (305 m)	Reel
760122648	2291B WH 4/23 R1000	4	White	1,000 ft (305 m)	Reel
760122655	2291B SL 4/23 R1000	4	Slate	1,000 ft (305 m)	Reel

GigaREACH X10D F/UTP 1592A (outdoor) non-plenum cables

Material ID	Product number	Pair count	Jacket color*	Length	Packaging
760178129	1592A BLK 4/23 R1000	4	Black	1,000 ft (305 m)	Reel

Panels

GigaSHIELD X10D modular panels

Material ID	Product number	Description
760237062	360-IPR-SMOD-6A-1U-24	SYSTIMAX 360™ GigaSHIELD X10D shielded modular panel, Cat 6A, 1U, 24 port, silver
760237063	360-IPR-SMOD-6A-2U-48	SYSTIMAX 360™ GigaSHIELD X10D shielded modular panel, Cat 6A, 2U, 48 port, silver
760237064	360-IPR-SMOD-A-6A-1U-24	SYSTIMAX 360™ GigaSHIELD X10D shielded angled modular panel, Cat 6A, 1U, 24 port, silver
760237065	360-IPR-SMOD-A-6A-2U-48	SYSTIMAX 360™ GigaSHIELD X10D shielded angled modular panel, Cat 6A, 2U, 48 port, silver

Empty GigaSHIELD X10D modular panels

Material ID	Product number	Description
760251248	360-IPR-SMOD-1U-24	SYSTIMAX 360™ shielded modular panel, empty, 1U, 24 port, silver
760251247	360-IPR-SMOD-2U-48	SYSTIMAX 360™ shielded modular panel, empty, 2U, 48 port, silver
760251246	360-IPR-SMOD-A-1U-24	SYSTIMAX 360™ shielded angled modular panel, empty, 1U, 24 port, silver
760251245	360-IPR-SMOD-A-2U-48	SYSTIMAX 360™ shielded angled modular panel, empty, 2U, 48 port, silver

* Other colors available, contact your local sales representative

GigaSHIELD X10D™ shielded Category 6A platform: Patch cords

The diagram illustrates the labeling process for a patch cord. At the top, a gray box contains ten digit positions. The first seven are grouped under 'Material ID' and contain the code 'CA111H2'. The eighth position is labeled '-0'. The next three positions are grouped under 'Length' and contain 'XXX'. The final two positions are grouped under 'Unit of measure' and contain 'F'. Below the 'Material ID' section, a table lists color options for CA111H2. To the right, a note explains the length coding: 'Example: 2 feet = 002, 10 meters = 010'.

Material ID			
CA111H2 GigaSPEED X10D G10SP CM Modular Patch Cords			

Cord color options (below) are limited as follows:
CA111H2: 1,6,7,8,9,C,L,M,Z

Cord color			
1	Black	9	Yellow
2	Light Blue	B	Lilac
3	Dark Gray	C	Gray
4	Spring Green	K	Pink
6	Orange	L	Violet
7	Red	M	Green
8	White	Z	Blue

Length	
XXX	1-100 feet / 1-30 meters

Example: 2 feet = 002,
10 meters = 010

Unit of measure	
F	Foot
M	Meter

Category 6A solutions

GigaSHIELD X10D™ shielded Category 6A platform: Jacks

GigaSHIELD X10D modular panels

Material ID	Product number	Description
760258299	MGS600S-BK-24	GigaSHIELD X10D M-Series modular jack, RJ45, Cat 6A shielded, Black (24 ea/pkg)
760258301	MGS600S-WH-24	GigaSHIELD X10D M-Series modular jack, RJ45, Cat 6A shielded, White (24 ea/pkg)
760258302	MGS600S-GY-24	GigaSHIELD X10D M-Series modular jack, RJ45, Cat 6A shielded, Gray (24 ea/pkg)
760258303	MGS600S-IV-24	GigaSHIELD X10D M-Series modular jack, RJ45, Cat 6A shielded, Ivory (24 ea/pkg)
760258305	MGS600S-BL-24	GigaSHIELD X10D M-Series modular jack, RJ45, Cat 6A shielded, Blue (24 ea/pkg)
760259906	MGS600S-GN-24	GigaSHIELD X10D M-Series modular jack, RJ45, Cat 6A shielded, Green (24 ea/pkg)

Other colors on request



Ceiling connector assemblies

Ordering information

Material ID	Product number	Description
COP1KW2-88F0XX	SCCA-6A-P-WH-XXFT	Category 6A F/UTP Cord, Shielded, Plenum, RJ45 to ceiling connector, XX* ft, white
COP1KW2-88N018	SCCA-6A-P-WH-18IN	Category 6A F/UTP Cord, Shielded, Plenum, RJ45 to ceiling connector, 18 in white
COP1KZ2-88F0XX	SCCA-6A-L-WH-2FT	Category 6A F/UTP Cord, Shielded, LSZH, RJ45 to ceiling connector, XX* ft, white
COP1KZ2-88N018	SCCA-6A-L-WH-18IN	Category 6A F/UTP Cord, Shielded, LSZH, RJ45 to ceiling connector, 18 in white
760250028	ECO CCA-SHLD-5	Shielded Ceiling Connector Assembly (CCA) without cordage, Silver (5 ea/pkg)

*XX – 02, 03, 07, 11, 15, 20, 25, 30, 40, 50 Feet



Category 6 solutions

GigaSPEED XL® Category 6 platform

A growing network requires a flexible, future-ready and high-performance physical layer to evolve efficiently. The SYSTIMAX GigaSPEED XL® solution delivers, with cost-effective performance, agility and intelligence your network needs.

The GigaSPEED XL platform difference:

- Performance exceeds Cat 6 and ISO/IEC Class E standards
- Supports all long channel and short channel configurations
- Supports up to six connectors in a channel
- Available as InstaPATCH Cu preterminated solution
- Intelligent and intelligence-ready options for imVision® automated infrastructure management (AIM)

The GigaSPEED XL portfolio fully leverages the entire ecosystem of CommScope's end-to-end SYSTIMAX family of solutions: Cat 6 cabling and patch cords, versatile panels, jacks and ceiling connector assemblies.

- **GigaSPEED XL x71 cables** have a smooth, flexible construction for quick and easy termination. They are available in plenum and non-plenum ratings and lengths as short as 3 m.
- **GigaSPEED XL GS8E patch cords** feature anti-snag plugs for easy connections and disconnections and are available in lengths as short as 1 m with additional headroom.
- **MGS400 jacks and panels** provide a simplified termination procedure, while the "M-Series opening" in the faceplates enables greater media flexibility. Several modular panel options are available for 24, 36 or 48 ports.
- **MiNo6 reduced-diameter patch cord.** The GigaSPEED XL portfolio also supports MiNo6 patch cords. With a diameter of just 0.15 in (3.8 mm) they enable increased density.

The GigaSPEED XL portfolio integrates with our InstaPATCH Cu preterminated technology as well as intelligence-ready and imVision solutions that improve the transparency and efficiency of your physical layer infrastructure.

As part of the SYSTIMAX portfolio, GigaSPEED XL solutions have been ahead of the curve—and ahead of the standards—since the beginning. Introduced in 2001, GigaSPEED XL solutions exceeded Category 6 standards before the standards were even adopted.

Category 6 solutions

GigaSPEED XL® Category 6 platform: Cables

GigaSPEED XL U/UTP 1071E non-plenum cables

Material ID	Product number	Pair count	Jacket color	Length	Packaging
700212046	1071E WH 4/23 W1000	4	White	1,000 ft (305 m)	We Tote Box
700211931	1071E SL 4/23 W1000	4	Slate	1,000 ft (305 m)	We Tote Box
760004689	1071E BL 4/23 W1000	4	Blue	1,000 ft (305 m)	We Tote Box
700211964	1071E LB 4/23 W1000	4	Light Blue	1,000 ft (305 m)	We Tote Box
700211998	1071E YL 4/23 W1000	4	Yellow	1,000 ft (305 m)	We Tote Box

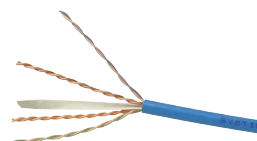
* Other colors available, contact your local sales representative



GigaSPEED XL U/UTP 2071E plenum cables

Material ID	Product number	Pair count	Jacket color	Length	Packaging
700208101	2071E WH 4/23 W1000	4	White	1,000 ft (305 m)	We Tote Box
700214372	2071E SL 4/23 W1000	4	Slate	1,000 ft (305 m)	We Tote Box
700208093	2071E BL 4/23 W1000	4	Blue	1,000 ft (305 m)	We Tote Box
700210123	2071E YL 4/23 W1000	4	Yellow	1,000 ft (305 m)	We Tote Box

* Other colors available, contact your local sales representative



Panels

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Patch cords

[Link to page 28](#)

Jacks

[Link to page 29](#)

Ceiling connector assemblies

[Link to page 29](#)

Category 6 solutions

GigaSPEED XL5® Cat 6 platform

Fueled by Wi-Fi® 6E and other emerging high-bandwidth technologies, the number of connected multi-gigabit devices is surging—with many requiring 2.5 and 5 Gbps of bandwidth. As a result, enterprise network managers can't ensure standards-based support with conventional Cat 5e or Cat 6 cabling, nor can they justify a complete upgrade to a 10G-capable Cat 6A infrastructure.

Traditional options are limited. You could use your existing Cat 6 according to NBASE-T guidelines, but that means having to mitigate any performance risks. Or you could rip and replace with Cat 6A. Neither solution seems attractive. Why not think outside the category?

The SYSTIMAX GigaSPEED XL5® platform bridges the divide between Cat 6 and Cat 6A. It is a Cat 6 solution that supports 2.5GBASE-T and 5GBASE-T up to 100 m in channel length, with assured application performance—no mitigation or upgrades required.

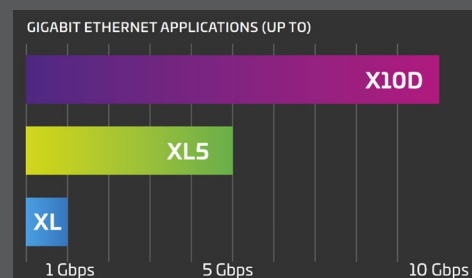
This unique Cat 6 platform uses a patented variable twist/strand technology to significantly enhance internal/alien crosstalk performance and boost bandwidth. An end-to-end solution, the GigaSPEED XL5 platform supports up to 5 Gbps applications in a four-connector 100 m channel with fully bundled horizontal cables. This makes it ideal for connecting a wide range of devices, including:

- In-ceiling Wi-Fi 6E access points
- IP security cameras
- Video conferencing/collaboration
- Power over Ethernet (PoE)
- Server-to-switch connectivity
- High-performance workstations
- Campus WLANs

The GigaSPEED XL5 platform gives you a Cat 6 solution that outperforms the standard specifications, putting it in a category all its own.

A GigaSPEED solution for most any speed

Introduced in 1997, the GigaSPEED family has continued to set the standard for Category cabling, even before the standards were adopted. Today, there's a GigaSPEED solution for nearly any application, use case or environment.



Category 6 solutions

GigaSPEED XL5® Cat 6 platform: Cables

GigaSPEED XL5 U/UTP 1081B non-plenum cables

Material ID	Product number	Pair count	Jacket color	Length	Packaging
760258446	1081B WHT 4/23 W1000	4	White	1,000 ft (305 m)	We Tote Box
760258445	1081B SLT 4/23 W1000	4	Slate	1,000 ft (305 m)	We Tote Box
760258444	1081B BLU 4/23 W1000	4	Blue	1,000 ft (305 m)	We Tote Box

* Other colors available, contact your local sales representative

GigaSPEED XL5 U/UTP 2081B plenum cables

Material ID	Product number	Pair count	Jacket color	Length	Packaging
760258452	2081B WHT 4/23 W1000	4	White	1,000 ft (305 m)	We Tote Box
760258451	2081B SLT 4/23 W1000	4	Slate	1,000 ft (305 m)	We Tote Box
760258450	2081B BLU 4/23 W1000	4	Blue	1,000 ft (305 m)	We Tote Box

* Other colors available, contact your local sales representative

Panels

[Link to page 25](#)

Patch cords

[Link to page 28](#)

Jacks

[Link to page 29](#)

Ceiling connector assemblies

[Link to page 29](#)

Category 6 solutions

GigaREACH XL® extended reach solution

The GigaREACH XL platform is the first extended reach Category 6 UTP solution that supports 1 Gbps/90 watts up to 150 m, 100 Mbps/90 W up to 200 m and 10 Mbps/90 W up to 250 m, while cutting direct-current (DC) resistance/meter in half compared to standard Category 6 cables. More than a claim, CommScope supports this performance through our SYSTIMAX Applications Assurance warranty.

For more on GigaREACH XL Cat 6 UTP solution, see Section 3: Extended Reach solutions in this guide.

GigaREACH XL extended reach solution: Cables

GigaREACH XL U/UTP 2073A plenum cables (extended distance)

Material ID	Product number	Pair count	Jacket color	Length	Packaging
760258514	2073A WHT 4/21 R1000	4	White	1,000 ft (305 m)	Reel
760258513	2073A BLU 4/21 R1000	4	Blue	1,000 ft (305 m)	Reel

* Other colors available, contact your local sales representative

GigaREACH XL U/UTP 1073A non-plenum cables (extended distance)

Material ID	Product number	Pair count	Jacket color	Length	Packaging
760258509	1073A BLU 4/21 R1000	4	Blue	1,000 ft (305 m)	Reel
760258510	1073A WHT 4/21 R1000	4	White	1,000 ft (305 m)	Reel

* Other colors available, contact your local sales representative

GigaREACH XL U/UTP 1573A (outdoor) non-plenum cables (extended distance)

Material ID	Product number	Pair count	Jacket color	Length	Packaging
760258481	1573A BLK 4/21 R1000	4	BLACK	1,000 ft (305 m)	Reel

* Other colors available, contact your local sales representative

Panels

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Patch cords

[Link to page 28](#)

Jacks

[Link to page 29](#)

Ceiling connector assemblies

[Link to page 29](#)

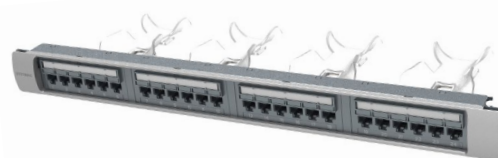
Category 6 panels

These products are part of the following solutions: [GigaSPEED XL](#), [GigaSPEED XL5](#) and [GigaREACH XL](#) portfolios

SYSTIMAX 360™ Evolve panels

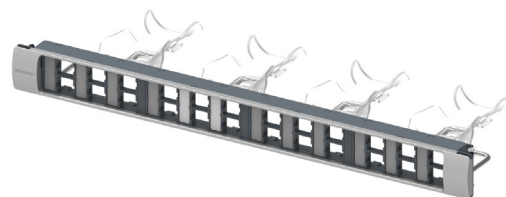
SYSTIMAX 360™ Evolve panels are modular, flexible, high-performance solutions designed for use in data centers and telecommunication rooms. These panels are primarily used to terminate and manage copper connections, but they do support limited fiber applications.

360 Evolve panels are available in both flat (straight) and angled designs to optimize cable routing into vertical management. The modular design accepts various SYSTIMAX M-Series jack modules, allowing for flexible configurations with different network categories (Category 5e, 6, and 6A). Some versions are intelligence ready, meaning they can integrate with an intelligent infrastructure management system to enable real-time monitoring without network downtime. Evolve 360 panels are available in 24-port (1U) and 48-port (2U) versions and support T568A and T568B wiring schemes.



GigaSPEED XL® 1100GS3 panels

Material ID	Product number	Description	Intelligent-upgradable
760152561	360-IPR-1100-E-GS3-1U-24	360™ GigaSPEED XL® Unshielded Panel Cat6, 1U, 24 port, Silver	Yes
760152579	360-IPR-1100-E-GS3-2U-48	360™ GigaSPEED XL® Unshielded Panel Cat6, 2U, 48 port, Silver	Yes
760151308	360-IPR-1100A-E-GS3-1U-24	360™ GigaSPEED XL® Unshielded Angled Panel Cat6, 1U, 24 port, Silver	Yes
760151753	360-IPR-1100A-E-GS3-2U-48	360™ GigaSPEED XL® Unshielded Angled Panel Cat6, 2U, 48 port, Silver	Yes
760151167	360-IPR-1100-GS3-DM6	360™ GigaSPEED XL® Unshielded Distribution Module Cat6, 6 port, Gray	N/A
760155739	360-E-KIT-1U	360™ GigaSPEED X10D® and GigaSPEED XL® Unshielded Panel Kit, 1U, Silver	Yes
760155747	360-E-KIT-2U	360™ GigaSPEED X10D® and GigaSPEED XL® Unshielded Panel Kit, 1U, Silver	Yes
760152785	360-A-E-KIT-1U	360™ GigaSPEED X10D® and GigaSPEED XL® Unshielded Angled Panel Kit, 1U, Silver	Yes
760152793	360-A-E-KIT-2U	360™ GigaSPEED X10D® and GigaSPEED XL® Unshielded Angled Panel Kit, 2U, Silver	Yes



SYSTIMAX 360™ modular panels

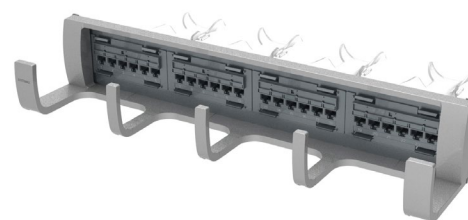
Material ID	Product number	Description
760187187	360-E-MOD-1U-24	360™ Evolve 24-port flat panel, Silver
760187195	360-E-MOD-2U-48	360™ Evolve 48-port flat panel, Silver
760187203	360-E-ANG-MOD-1U-24	360™ Evolve 24-port angled panel, Silver
760187211	360-E-ANG-MOD-2U-48	360™ Evolve 48-port angled panel, Silver
760187179	360-E-MOD-B-KIT	360™ M-Series Bezel, (4 ea/pkg), Gray

Category 6 panels

These products are part of the following solutions: [GigaSPEED XL](#), [GigaSPEED XL5](#) and [GigaREACH XL](#) portfolios

PATCHMAX® panels

Known for unique modularity, the six-port distribution modules (DMs) can be rotated forward, allowing front access to the insulation displacement connector (IDC) terminals for easier installation and maintenance. PATCHMAX® panels are available in 24-port (1U rack space) and 48-port (2U or 3U rack space) configurations and are designed for standard 19-in rack mounting. They support a range of category cabling—including Category 6 (GigaSPEED XL and XL5) and Cat 6A (GigaSPEED X10D)—and they meet or exceed ANSI/TIA and ISO/IEC electrical performance specifications. PATCHMAX panels fully comply with the recommendations for safe delivery of Power over Ethernet (PoE), including IEEE 802.3bt (Type 4) standards. Cat 6A panels for GigaSPEED X10D also support SYSTIMAX InstaPATCH preterminated patching that dramatically reduces installation time.



GigaSPEED XL® PATCHMAX® GS3 panels

Material ID	Product Number	Description	Intelligent-upgradable
760102244	360-PM-GS3-2U-24	360™ GigaSPEED XL® PATCHMAX® GS3 Unshielded Panel Cat 6, 2U, 24 port, Silver	Yes
760117366	360-PM-GS3-2U-48	360™ GigaSPEED XL® PATCHMAX® GS3 Category 6 U/UTP Patch Panel, 2U, 48 port, silver	Yes
760117382	360-PM-GS3-DM-12	360™ GigaSPEED XL® PATCHMAX® Unshielded Distribution Module Cat 6, 12 port, Gray	No
760102269	360-PM-GS3-DM-6	360™ GigaSPEED XL® PATCHMAX® Unshielded Distribution Module Cat 6, 6 port, Gray	No

Category 6 panels

These products are part of the following solutions: GigaSPEED XL, GigaSPEED XL5 and GigaREACH XL portfolios

M-Series panels

SYSTIMAX M-Series panels are modular, high-performance patch panels used in data networking that can be flexibly configured with various M-Series information outlets (jacks) for both copper and fiber connectivity. A unique design enables users to snap in the required jack modules or adapter plates as needed, making them highly versatile for different applications and future network upgrades.

Panels are shipped blank and populated with individual M-Series outlets that support Category 5e, 6, and 6A copper, as well as some fiber optic applications. Common configurations include 24-port (1U rack space) and 48-port (1U or 2U rack space) versions. Panels are available in flat (straight) and angled styles. The angled design helps route patch cords directly into vertical cable managers, improving cable management without requiring additional horizontal cable management hardware. These panels support universal T568A and T568B wiring schemes for the copper jacks and can be used with the CommScope DYMO labeling solution for easy port identification.

M-Series panel variants include M2400 Series solutions that accept M-Series outlets and high-density M4800 Series panels that offer up to 48 ports in a 1U form factor. Some M-Series panels are also available as intelligence-ready versions, able to support intelligent infrastructure management systems like the CommScope imVision solution.



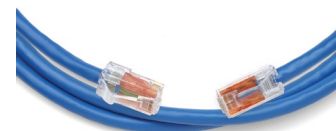
M-Series modular panels

Material ID	Product number	Description
760105429	M4800-1U	M4800 1U Modular Panel, 48 port, Black
760109744	M4800A-1U	M4800 1U Angled Modular Panel, 48 port, Black
760118323	M2400 -1U	M2400 1U Modular Panel, 24 port, Black
760118349	M2400A 1U	M2400 1U Angled Modular Panel, 24 port
760104737	360-RCM-RM	Rear Cable Management, rack mountable
760262899	M4800-1U-RCM	M4800 1U Modular Panel, 48 port, incl RCM, Black
760262900	M4800A-1U-RCM	M4800 1U Angled Modular Panel, 48 port, incl RCM, Black

Category 6 patch cords

These products are part of the following solutions: GigaSPEED XL, GigaSPEED XL5 and GigaREACH XL portfolios

SYSTIMAX 360GS8E modular patch cord configurator



-0

Material ID

CPC3312	GS8E Stranded Cordage Modular Patch Cord
CPC3372	GS8E Solid Plenum Cable Modular Cord
CPC3482	GS8E Single-ended Solid Cable
CPC3472	GS8E Single End Solid Plenum Modular Cord
CO16652	GS8E Single End Solid Plenum Modular Cord

Cord color options (below) are limited as follows:
CPC3312: 1,2,3,4,6,7,8,9,B,L,M,Z
CPC3372: 1,4,6,7,8,9,B,C,Z
CPC3482: 1,2,3,4,6,7,8,9,B,C,Z
CPC3472: 1,4,6,7,8,9,B,C,Z
CO16652: 1,2,3,4,6,7,8,9,L,M,Z

Length

XXX

 1-100 feet / 1-30 meters
Example: 2 feet = 002,
10 meters = 010

Unit of measure

F	Foot
M	Meter

Cord color

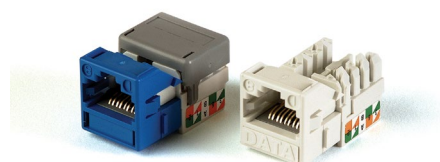
1	Black	9	Yellow
2	Light Blue	B	Lilac
3	Dark Gray	C	Gray
4	Spring Green	K	Pink
5	Orange	L	Violet
6	Red	M	Green
7	White	Z	Blue

Category 6 jacks

These products are part of the following solutions: GigaSPEED XL, GigaSPEED XL5 and GigaREACH XL portfolios

SYSTIMAX 360 GigaSPEED XL MGS 400 jacks

Material ID	Product number	Color
700206667	MGS400-BK	Black
700206683	MGS400-OR	Orange
700206691	MGS400-YL	Yellow
700206709	MGS400-GN	Green
700206725	MGS400-WH	White
700206741	MGS400-RD	Red
700206758	MGS400-BL	Blue
700206675	MGS400-VI	Violet
700206717	MGS400-VI	Ivory
700206733	MGS400-GY	Gray
760250041	ECO MGS400-WH-24	White
760250042	ECO MGS400-BK-24	Black
760250043	ECO MGS400-BL-24	Blue
760250044	ECO MGS400-IV-24	Ivory
760252282	ECO MGS400-GN-24	Green
760252279	ECO MGS400-OR-24	Orange



Category 6 ceiling connector assemblies

These products are part of the following solutions: GigaSPEED XL, GigaSPEED XL5 and GigaREACH XL portfolios



Ceiling connector assemblies

Material ID	Product number	Color
760235587	CCA-CAT6-PLENUM-BLACK-N018	Category 6 U/UTP cord, plenum, RJ45 to ceiling connector, 1.5 ft, black
C013JX2-88N018	CCA-CAT6-WH-18IN	Category 6 U/UTP Cord, Plenum, RJ45 to ceiling connector, 18 in, white
C013JX2-88F0XX	CCA-CAT6-WH-2FT	Category 6 U/UTP Cord, Plenum, RJ45 to ceiling connector, XX* ft, white
COP3JP2-88F0XX	CCA-6-L-WH-XXFT	Category 6 U/UTP Cord, LSZH, RJ45 to ceiling connector, XX* ft, white
COP3JP2-88N018	CCA-6-L-WH-18IN	Category 6 U/UTP Cord, LSZH, RJ45 to ceiling connector, 18 in, white
760244061	CCA-BK	Ceiling Connector Assembly (CCA) without cordage, black
760234921	CCA-WH	Ceiling Connector Assembly (CCA) without cordage, white

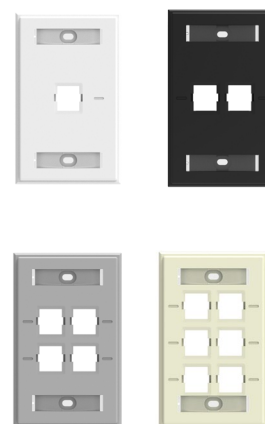
*XX – 02, 03, 07, 11, 15, 20, 25, 30, 40, 50 Feet

Faceplates

Faceplates play a crucial role in your communication network, serving as the front end for your copper connections. As the first point of contact for your customers, visitors, or employees, faceplates need to meet technical standards and functional requirements while maintaining an appealing design. A well-chosen faceplate not only provides functionality but also leaves a lasting impression. With an extensive selection of faceplate solutions, the SYSTIMAX brand has got you covered.

Our modular flush-mount faceplates with universal openings are available in 1-, 2-, 4-, 6- and 12-port designs and are available in six colors. The CommScope portfolio of faceplates also includes snap-in designs, ceiling-mounted and furniture-mounted solutions, stainless steel options, and flush-mount faceplate frames.

Wide ranging, aesthetically attractive and built to last, our SYSTIMAX portfolio offers a copper faceplate for virtually every application, location and environment.



Modular flush-mount faceplates with universal opening

Material ID	Product number	Description	Labeled	Color
760249144	FP-LBL-1P-266	1 Port Modular Flush Mount Faceplate	Yes	Pro White
760249145	FP-LBL-2P-266	2 Port Modular Flush Mount Faceplate	Yes	Pro White
760249146	FP-LBL-4P-266	4 Port Modular Flush Mount Faceplate	Yes	Pro White
760249147	FP-LBL-6P-266	6 Port Modular Flush Mount Faceplate	Yes	Pro White
760249148	FP-NLBL-1P-266	1 Port Modular Flush Mount Faceplate	No	Pro White
760249149	FP-NLBL-2P-266	2 Port Modular Flush Mount Faceplate	No	Pro White
760249150	FP-NLBL-4P-266	4 Port Modular Flush Mount Faceplate	No	Pro White
760249151	FP-NLBL-6P-266	6 Port Modular Flush Mount Faceplate	No	Pro White
760248924	FP-LBL-1P-003	1 Port Modular Flush Mount Faceplate	Yes	Black
760248925	FP-LBL-2P-003	2 Port Modular Flush Mount Faceplate	Yes	Black
760248926	FP-LBL-4P-003	4 Port Modular Flush Mount Faceplate	Yes	Black
760248927	FP-LBL-6P-003	6 Port Modular Flush Mount Faceplate	Yes	Black
760248928	FP-NLBL-1P-003	1 Port Modular Flush Mount Faceplate	No	Black
760248929	FP-NLBL-2P-003	2 Port Modular Flush Mount Faceplate	No	Black
760248930	FP-NLBL-4P-003	4 Port Modular Flush Mount Faceplate	No	Black
760248931	FP-NLBL-6P-003	6 Port Modular Flush Mount Faceplate	No	Black
760249136	FP-LBL-1P-270	1 Port Modular Flush Mount Faceplate	Yes	Gray
760249137	FP-LBL-2P-270	2 Port Modular Flush Mount Faceplate	Yes	Gray
760249138	FP-LBL-4P-270	4 Port Modular Flush Mount Faceplate	Yes	Gray
760249139	FP-LBL-6P-270	6 Port Modular Flush Mount Faceplate	Yes	Gray
760249140	FP-NLBL-1P-270	1 Port Modular Flush Mount Faceplate	No	Gray
760249141	FP-NLBL-2P-270	2 Port Modular Flush Mount Faceplate	No	Gray
760249142	FP-NLBL-4P-270	4 Port Modular Flush Mount Faceplate	No	Gray
760249143	FP-NLBL-6P-270	6 Port Modular Flush Mount Faceplate	No	Gray
760249168	FP-LBL-1P-246	1 Port Modular Flush Mount Faceplate	Yes	Ivory
760249169	FP-LBL-2P-246	2 Port Modular Flush Mount Faceplate	Yes	Ivory
760249170	FP-LBL-4P-246	4 Port Modular Flush Mount Faceplate	Yes	Ivory
760249171	FP-LBL-6P-246	6 Port Modular Flush Mount Faceplate	Yes	Ivory

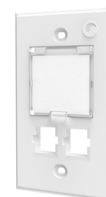
Faceplates

Modular flush-mount faceplates with universal opening (continued)

Material ID	Product number	Pair count	Jacket color	Length
760249172	FP-NLBL-1P-246	1 Port Modular Flush Mount Faceplate	No	Ivory
760249173	FP-NLBL-2P-246	2 Port Modular Flush Mount Faceplate	No	Ivory
760249174	FP-NLBL-4P-246	4 Port Modular Flush Mount Faceplate	No	Ivory
760249175	FP-NLBL-6P-246	6 Port Modular Flush Mount Faceplate	No	Ivory
760249128	FP-LBL-1P-262	1 Port Modular Flush Mount Faceplate	Yes	Elec White
760249129	FP-LBL-2P-262	2 Port Modular Flush Mount Faceplate	Yes	Elec White
760249130	FP-LBL-4P-262	4 Port Modular Flush Mount Faceplate	Yes	Elec White
760249131	FP-LBL-6P-262	6 Port Modular Flush Mount Faceplate	Yes	Elec White
760249132	FP-NLBL-1P-262	1 Port Modular Flush Mount Faceplate	No	Elec White
760249133	FP-NLBL-2P-262	2 Port Modular Flush Mount Faceplate	No	Elec White
760249134	FP-NLBL-4P-262	4 Port Modular Flush Mount Faceplate	No	Elec White
760249135	FP-NLBL-6P-262	6 Port Modular Flush Mount Faceplate	No	Elec White
760249152	FP-LBL-1P-448	1 Port Modular Flush Mount Faceplate	Yes	Light Almond
760249153	FP-LBL-2P-448	2 Port Modular Flush Mount Faceplate	Yes	Light Almond
760249154	FP-LBL-4P-448	4 Port Modular Flush Mount Faceplate	Yes	Light Almond
760249155	FP-LBL-6P-448	6 Port Modular Flush Mount Faceplate	Yes	Light Almond
760249156	FP-NLBL-1P-448	1 Port Modular Flush Mount Faceplate	No	Light Almond
760249157	FP-NLBL-2P-448	2 Port Modular Flush Mount Faceplate	No	Light Almond
760249158	FP-NLBL-4P-448	4 Port Modular Flush Mount Faceplate	No	Light Almond
760249159	FP-NLBL-6P-448	6 Port Modular Flush Mount Faceplate	No	Light Almond
760258041	FP-LBL-12P-003	12 Port Modular Flush Mount Faceplate	Yes	Black
760258042	FP-LBL-12P-262	12 Port Modular Flush Mount Faceplate	Yes	Elec White
760258043	FP-LBL-12P-270	12 Port Modular Flush Mount Faceplate	Yes	Gray
760258044	FP-LBL-12P-266	12 Port Modular Flush Mount Faceplate	Yes	Pro White
760258045	FP-LBL-12P-448	12 Port Modular Flush Mount Faceplate	Yes	Light Almond
760258047	FP-LBL-12P-246	12 Port Modular Flush Mount Faceplate	Yes	Ivory

Ceiling flush-mount faceplates

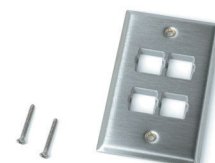
Material ID	Product number	Description	Color
760253234	FP-CLBL-2P-262	2 Port Ceiling Flush Mount Faceplate	Elec White
760253235	FP-CLBL-2P-003	2 Port Ceiling Flush Mount Faceplate	Black



Faceplates

Stainless steel faceplates

Material ID	Product number	Description	Color
760100867	M11SP	1 Port Stainless Steel Faceplate	Stainless Steel
760072074	M11SP-L	1 Port 1-Gang SS Faceplate with label	Stainless Steel
108615188	M12SP	2 Port Stainless Steel Faceplate	Stainless Steel
760072181	M12SP-L	2 Port 1-Gang SS Faceplate with label	Stainless Steel
108615196	M13SP 3	3 Port Stainless Steel Faceplate	Stainless Steel
760072199	M13SP-L	3 Port 1-Gang SS Faceplate with label	Stainless Steel
108615204	M14SP 4	4 Port Stainless Steel Faceplate	Stainless Steel
760072207	M14SP-L	4 Port 1-Gang SS Faceplate with label	Stainless Steel
108615212	M16SP 6	6 Port Stainless Steel Faceplate	Stainless Steel
760072215	M16SP-L	6 Port 1-Gang SS Faceplate with label	Stainless Steel
760100883	M28SP-L	8 Port 2-Gang SS Faceplate with label	Stainless Steel



Modular furniture faceplates

Material ID	Product number	Description	Color
106650864	M13C-003	3 Port Modular Furniture Faceplate (1.84 x 3.13 x 0.29 in)	Black
106650880	M13C-246	3 Port Modular Furniture Faceplate (1.84 x 3.13 x 0.29 in)	Ivory
106650898	M13C-262	3 Port Modular Furniture Faceplate (1.84 x 3.13 x 0.29 in)	White
106701154	M13C-270	3 Port Modular Furniture Faceplate (1.84 x 3.13 x 0.29 in)	Gray
760118240	M14CE-E -003	4 Port Faceplate 0.08 Snap	Black
760118257	M14CE-E -246	4 Port Faceplate 0.08 Snap	Ivory
760118232	M14CE-E -262	4 Port Faceplate 0.08 Snap	White
760118265	M14CE-E -270	4 Port Faceplate 0.08 Snap	Gray
700189046	M4CA-003	Adjustable Furniture Faceplate, 4 port	Black
700191570	M4CA-246	Adjustable Furniture Faceplate, 4 port	Ivory
700191588	M4CA-262	Adjustable Furniture Faceplate, 4 port	White
700191596	M4CA-270	Adjustable Furniture Faceplate, 4 port	Gray



Flush mount modular mounting frame

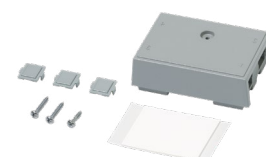
Material ID	Product number	Description	Color
108265430	M108FR3-003	M108 Flush Mounted Modular Mounting Frame, three port	Black
108265448	M108FR3-246	M108 Flush Mounted Modular Mounting Frame, three port	Ivory
108265455	M108FR3-262	M108 Flush Mounted Modular Mounting Frame, three port	White
760181867	M108FR3-266	M108 Flush Mounted Modular Mounting Frame, three port	Pro White
108265463	M108FR3-270	M108 Flush Mounted Modular Mounting Frame, three port	Gray
760092163	M108FR1-003	M108 Flush Mounted Modular Mounting Frame, one port	Black
760092064	M108FR1-148	M108 Flush Mounted Modular Mounting Frame, one port	Almond
760092189	M108FR1-262	M108 Flush Mounted Modular Mounting Frame, one port	White



Faceplates

Surface-mount box

Material ID	Product Number	Description	Color
760246267	SMB-1P-003	Surface Mount Box, 1 Port, Universal Opening	Black
760252767	SMB-1P-003-PLENUM	Surface Mount Box, 1 Port, Plenum, Universal Opening	Black
760246268	SMB-2P-003	Surface Mount Box, 2 Port, Universal Opening	Black
760252769	SMB-2P-003-PLENUM	Surface Mount Box, 2 Port, Plenum, Universal Opening	Black
760248521	SMB-1P-262	Surface Mount Box, 1 Port, Universal Opening	Elec White
760252766	SMB-1P-262-PLENUM	Surface Mount Box, 1 Port, Plenum, Universal Opening	Elec White
760248525	SMB-2P-262	Surface Mount Box, 2 Port, Universal Opening	Elec White
760252768	SMB-2P-262-PLENUM	Surface Mount Box, 2 Port, Plenum, Universal Opening	Elec White
760248524	SMB-1P-448	Surface Mount Box, 1 Port, Universal Opening	Light Almond
760254556	SMB-1P-448-PLENUM	Surface Mount Box, 1 Port, Plenum, Universal Opening	Light Almond
760248528	SMB-2P-448	Surface Mount Box, 2 Port, Universal Opening	Light Almond
760254557	SMB-2P-448-PLENUM	Surface Mount Box, 2 Port, Plenum, Universal Opening	Light Almond
760248523	SMB-1P-266	Surface Mount Box, 1 Port, Universal Opening	Pro White
760248527	SMB-2P-266	Surface Mount Box, 2 Port, Universal Opening	Pro White
760248522	SMB-1P-270	Surface Mount Box, 1 Port, Universal Opening	Gray
760248526	SMB-2P-270	Surface Mount Box, 2 Port, Universal Opening	Gray
760254710	SMB-1P-246	Surface Mount Box, 1 Port, Universal Opening	Ivory
760254711	SMB-2P-246	Surface Mount Box, 2 Port, Universal Opening	Ivory
107952475	M104SMB-A-003	Surface Mount Box, 4 Port, M Series	Black
107952442	M104SMB-A-246	Surface Mount Box, 4 Port, M Series	Ivory
107952459	M104SMB-A-262	Surface Mount Box, 4 Port, M Series	Elec White
107952467	M104SMB-A-270	Surface Mount Box, 4 Port, M Series	Gray
760045005	M204SMB-003	Surface Mount Box, 4 Port, M Series	Black
760045013	M204SMB-246	Surface Mount Box, 4 Port, M Series	Ivory
760044990	M204SMB-262	Surface Mount Box, 4 Port, M Series	Elec White
760254381	M204SMB-262-PLENUM	Surface Mount Box, 4 Port, Plenum, Universal Opening	Elec White
760254382	M204SMB-003-PLENUM	Surface Mount Box, 4 Port, Plenum, Universal Opening	Black
107431520	M106SMB-003	Surface Mount Box, 6 Port, M Series	Black
107431546	M106SMB-246	Surface Mount Box, 6 Port, M Series	Ivory
107431538	M106SMB-262	Surface Mount Box, 6 Port, M Series	Elec White
107431553	M106SMB-270	Surface Mount Box, 6 Port, M Series	Gray
760057422	M208SMB-003	Surface Mount Box, 8 Port, M Series	Black
760057414	M208SMB-262	Surface Mount Box, 8 Port, M Series	Elec White
760254383	M208SMB-262-PLENUM	Surface Mount Box, 8 Port, Plenum, Universal Opening	Elec White
760254384	M208SMB-003-PLENUM	Surface Mount Box, 8 Port, Plenum, Universal Opening	Black
106658164	M112SMB-003	Surface Mount Box, 12 Port, M Series	Black
106658149	M112SMB-246	Surface Mount Box, 12 Port, M Series	Ivory
106658156	M112SMB-262	Surface Mount Box, 12 Port, M Series	Elec White
106688419	M112SMB-270	Surface Mount Box, 12 Port, M Series	Gray



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Fiber cables and assemblies

The SYSTIMAX family of high-performance fiber cables is designed to handle the tough demands of today's enterprise networks and high-density data centers. It includes TeraSPEED® OS2 singlemode fiber cabling and LazrSPEED® OM4/OM5 multimode cables. Solutions are available for indoor, outdoor, indoor/outdoor and micro-blown applications. Both portfolios offer riser and plenum fiber cabling that comply with zero halogen and CPR-only flame requirements for safety.

TeraSPEED® fiber cables

Our TeraSPEED singlemode fiber cables are designed for campus backbones and long-distance metro applications. They are available with armored, non-armored and interlocking constructions. They support 10 Gbps over distances up to 40 kilometers and the widest usable wavelength spectrum for coarse wavelength division multiplexing (CWDM).

LazrSPEED® fiber cables

LazrSPEED multimode fiber is laser-optimized for shorter-distance, high-bandwidth connections within buildings and data centers. LazrSPEED OM3 fiber supports 10 Gbps up to 300 m and is the standard for cost-effective 10 Gb networking. Optimized for VCSEL lasers, LazrSPEED OM4 fiber reliably transmits 10 Gbps 400–550 m and 40/100 Gbps up to 150 m. LazrSPEED OM5 wideband solution helped enable multi-lane shortwave wavelength division multiplexing (SWDM) that drives many of the industry's 400G and 800G applications today.

Preterminated fiber cable assemblies

The SYSTIMAX family of fiber cabling solutions also offers high-performance preterminated fiber assemblies that play a crucial role in creating seamless and flexible network connectivity. As industry-standard solutions, our preterminated fiber assemblies are factory-connectorized and machine-polished, and they can be terminated with multimode or singlemode connectors.

Fiber patch cords

The TeraSPEED and LazrSPEED platforms also feature their own patch cords. TeraSPEED OS2 patch cords have a yellow jacket and are designed for long-distance, high-speed transmission. They support zero water peak singlemode (ZWP-SM) requirements for enhanced bandwidth utilization. TeraSPEED patch cords support LC/UPC or SC/UPC connectors.

LazrSPEED patch cords support multimode OM4 and OM5 technology and cable jacket colors according to industry standards. These patch cords are designed for high-speed transmission over shorter distances, common in data centers and enterprise environments. Both patch cord families are available with various connector options—including standard LC and SC terminations—and in custom lengths. In addition, the SYSTIMAX family of fiber solutions includes patch cords, cables and assemblies designed to be used with multiple different panels.

SYSTIMAX ultra low-loss (ULL) preterminated trunk cables support 8-, 12- and 24-fiber MPO connector-based modules and are available in OM, and OM5 wideband multimode fiber solutions. Singlemode variants include 8- and 12-fiber MPO connector-based modules. Preterminated trunk cables are factory tested and use Method B Enhanced polarity for easier maintenance. They are provisioned with pins to interface with non-pinned G2 ULL modules.

Ruggedized fanout cables are available in 8-, 12- and 24-fiber MPO connector-based modular design and support OM4 and OM5 wideband as well as singlemode fibers. Factory-terminated and tested, they enable instant field connections and long-term performance and reliability.

SYSTIMAX ULL MPO-to-MPO arrays are constructed with 2.0 mm or 3.0 mm PmP cords and are available in 8-, 12- and 24-fiber MPO connector-based modular design. They support OM4 and OM5 wideband and singlemode fibers. Arrays are available with multiple breakout lengths; minimum overall assembly length may vary based on breakout length selected (please see configuration table for specifics).

Fiber cable description key

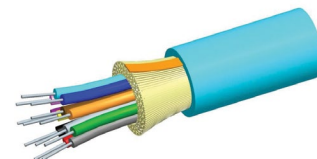
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NOTE: Not all combinations available

Fiber cables

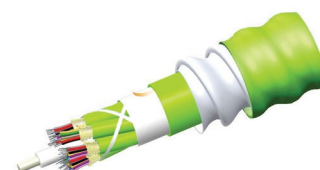
Indoor premises distribution fiber cables

Distribution cables are color coded 900 µm tight buffered fibers for easy connectorization. Fiber counts above 24 are unitized for manageability. All fiber types are bend insensitive. Singlemode fiber is ITU-T G.657.A1 compliant as well as backwards compatible to G.652.D.



All-dielectric (non-armored)

Fiber count	OM3		OM4		OM5		Singlemode	
	Material ID	Product number	Material ID	Product number	Material ID	Product number	Material ID	Product number
RISER								
6	700208143	R-006-DS-5L-FSUAQ	760012104	R-006-DS-5K-FSUAQ	760229724	R-006-DS-5G-FSULM	760004424	R-006-DS-8W-FSUYL
12	700208150	R-012-DS-5L-FSUAQ	760012112	R-012-DS-5K-FSUAQ	760229740	R-012-DS-5G-FSULM	760004440	R-012-DS-8W-FSUYL
24	760018556	R-024-DS-5L-FSUAQ	760018564	R-024-DS-5K-FSUAQ	760229765	R-024-DS-5G-FSULM	760018515	R-024-DS-8W-FSUYL
36	700208176	R-036-DS-5L-FMUAQ	760026831	R-036-DS-5K-FMUAQ	760229773	R-036-DS-5G-FMULM	760152496	R-036-DS-8W-FMUYL
48	700208218	R-048-DS-5L-FMUAQ	760026849	R-048-DS-5K-FMUAQ	760229781	R-048-DS-5G-FMULM	760004473	R-048-DS-8W-FMUYL
72	700208226	R-072-DS-5L-FMUAQ	760026856	R-072-DS-5K-FMUAQ	760229799	R-072-DS-5G-FMULM	760004481	R-072-DS-8W-FMUYL
96	700208226	R-072-DS-5L-FMUAQ	760026864	R-096-DS-5K-FMUAQ	760229807	R-096-DS-5G-FMULM	760026823	R-096-DS-8W-FMUYL
144	700208226	R-072-DS-5L-FMUAQ	760026872	R-144-DS-5K-FMUAQ	760229815	R-144-DS-5G-FMULM	760018887	R-144-DS-8W-FMUYL
PLENUM								
6	700009772	P-006-DS-5L-FSUAQ	760012138	P-006-DS-5K-FSUAQ	760229377	P-006-DS-5G-FSULM	760004333	P-006-DS-8W-FSUYL
12	700009731	P-012-DS-5L-FSUAQ	760006411	P-012-DS-5K-FSUAQ	760229393	P-012-DS-5G-FSULM	760004358	P-012-DS-8W-FSUYL
24	760018689	P-024-DS-5L-FSUAQ	760018697	P-024-DS-5K-FSUAQ	760229419	P-024-DS-5G-FSULM	760018630	P-024-DS-8W-FSUYL
36	700009673	P-036-DS-5L-FMUAQ	760024547	P-036-DS-5K-FMUAQ	760229427	P-036-DS-5G-FMULM	760004374	P-036-DS-8W-FMUYL
48	760163022	P-048-DS-5L-FMUAQ	760024554	P-048-DS-5K-FMUAQ	760229435	P-048-DS-5G-FMULM	760004382	P-048-DS-8W-FMUYL
72	700211154	P-072-DS-5L-FMUAQ	760024562	P-072-DS-5K-FMUAQ	760229443	P-072-DS-5G-FMULM	760004390	P-072-DS-8W-FMUYL
96	760010132	P-096-DS-5L-FMUAQ	760021691	P-096-DS-5K-FMUAQ	760229450	P-096-DS-5G-FMULM	760018051	P-096-DS-8W-FMUYL
144	760018879	P-144-DS-5L-FMUAQ	760024869	P-144-DS-5K-FMUAQ	760229468	P-144-DS-5G-FMULM	760018895	P-144-DS-8W-FMUYL

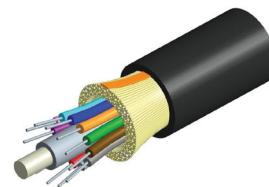


Tight buffered—interlocking aluminum armored

Fiber count	OM3		OM4		OM5		Singlemode	
	Material ID	Product number	Material ID	Product number	Material ID	Product number	Material ID	Product number
RISER								
6	760127175	R-006-DZ-5L-FSUAQ	760127506	R-006-DZ-5K-FSUAQ	760229856	R-006-DZ-5G-FSULM	760127308	R-006-DZ-8W-FSUYL
12	760127183	R-012-DZ-5L-FSUAQ	760127514	R-012-DZ-5K-FSUAQ	760229872	R-012-DZ-5G-FSULM	760127316	R-012-DZ-8W-FSUYL
24	760127381	R-024-DZ-5L-FSUAQ	760127407	R-024-DZ-5K-FSUAQ	760229898	R-024-DZ-5G-FSULM	760127373	R-024-DZ-8W-FSUYL
36	760127191	R-036-DZ-5L-FMUAQ	760126532	R-036-DZ-5K-FMUAQ	760229906	R-036-DZ-5G-FMULM	760127332	R-036-DZ-8W-FMUYL
48	760127209	R-048-DZ-5L-FMUAQ	760126540	R-048-DZ-5K-FMUAQ	760229914	R-048-DZ-5G-FMULM	760127340	R-048-DZ-8W-FMUYL
PLENUM								
6	760127639	P-006-DZ-5L-FSUAQ	760128181	P-006-DZ-5K-FSUAQ	760229492	P-006-DZ-5G-FSULM	760127795	P-006-DZ-8W-FSUYL
12	760127647	P-012-DZ-5L-FSUAQ	760128017	P-012-DZ-5K-FSUAQ	760229518	P-012-DZ-5G-FSULM	760127803	P-012-DZ-8W-FSUYL
24	760127902	P-024-DZ-5L-FSUAQ	760127910	P-024-DZ-5K-FSUAQ	760229534	P-024-DZ-5G-FSULM	760127886	P-024-DZ-8W-FSUYL
36	760127662	P-036-DZ-5L-FMUAQ	760128074	P-036-DZ-5K-FMUAQ	760229542	P-036-DZ-5G-FMULM	760127829	P-036-DZ-8W-FMUYL
48	760127670	P-048-DZ-5L-FMUAQ	760125971	P-048-DZ-5K-FMUAQ	760229559	P-048-DZ-5G-FMULM	760127837	P-048-DZ-8W-FMUYL

Fiber cables

Indoor/outdoor fiber cables



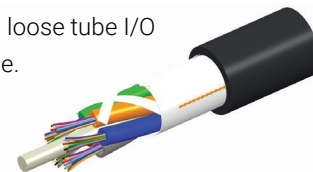
Tight buffered—all-dielectric solutions (non-armored)

Fiber count	OM3		OM4		OM5		Singlemode	
	Material ID	Product number	Material ID	Product number	Material ID	Product number	Material ID	Product number
RISER								
12	700210982	Z-012-DS-5L-FSUBK/D	760006650	Z-012-DS-5K-FSUBK/D	760243069	Z-012-DS-5G-FSUBK/D	760004184	Z-012-DS-8W-FSUBK/D
24	760070292	Z-024-DS-5L-FSUBK/D	760070300	Z-024-DS-5K-FSUBK/D	760259117	Z-024-DS-5G-FSUBK/D	760070276	Z-024-DS-8W-FSUBK/D
48	760010371	Z-048-DS-5L-FMUBK	760130864	Z-048-DS-5K-FMUBK			760090309	Z-048-DS-8W-FMUBK
72	760019612	Z-072-DS-5L-FMUBK	760150961	Z-072-DS-5K-FMUBK			760067595	Z-072-DS-8W-FMUBK
PLENUM								
12	760037374	P-012-OD-5L-FSUBK	760037432	P-012-OD-5K-FSUBK	760237015	P-012-OD-5G-FSUBK	760037192	P-012-OD-8W-FSUBK
24	760037390	P-024-OD-5L-FSUBK	760037457	P-024-OD-5K-FSUBK	760238376	P-024-OD-5G-FSUBK	760037218	P-024-OD-8W-FSUBK
48	760038083	P-048-OD-5L-FMUBK	760038141	P-048-OD-5K-FMUBK	760238377	P-048-OD-5G-FMUBK	760037929	P-072-OD-8W-FMUBK
72	760038109	P-072-OD-5L-FMUBK	760038166	P-072-OD-5K-FMUBK	760238378	P-072-OD-5G-FMUBK		
96			760038174	P-096-OD-5K-FMUBK			760037937	P-096-OD-8W-FMUBK
144			760038182	P-144-OD-5K-FMUBK			760037945	P-144-OD-8W-FMUBK

Fiber cables

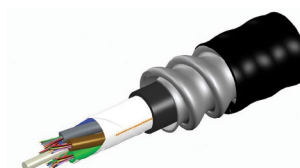
Indoor/outdoor stranded loose tube cables

Indoor/outdoor cables are tough enough for outdoor use while also being listed for indoor use. Stranded loose tube I/O cables contain S-Z stranded gel-free buffer tubes with twelve 250 µm colored fibers per color-coded tube.



All-dielectric (non-armored)

Fiber count	OM3		OM4		Singlemode	
	Material ID	Product number	Material ID	Product number	Material ID	Product number
RISER						
12	760136036	R-012-LN-5L-F12BK/25D	760101295	R-012-LN-5K-F12BK/25D	760086371	R-012-LN-8W-F12BK/25D
24	760086413	R-024-LN-5L-F12BK/25D	760101303	R-024-LN-5K-F12BK/25D	760086405	R-024-LN-8W-F12BK/25D
48	760136044	R-048-LN-5L-F12BK/25D	760228247	R-048-LN-5K-F12BK/25D	760086470	R-048-LN-8W-F12BK/25D
72	760130062	R-072-LN-5L-F12BK/25D	760101329	R-072-LN-5K-F12BK/25D	760086538	R-072-LN-8W-F12BK/25D
96	760130930	R-096-LN-5L-F12BK/25D	760242106	R-096-LN-5K-F12BK/25D	760086561	R-096-LN-8W-F12BK/25D
144	760136051	R-144-LN-5L-F12BK/25D	760139980	R-144-LN-5K-F12BK/25D	760086652	R-144-LN-8W-F12BK/25D
192					760252186	R-192-LN-8W-F12BK/25D
288	760142414	R-288-LN-5L-F12BK/25D	760128199	R-288-LN-5K-F12BK/25D	760086710	R-288-LN-8W-F12BK/25D
PLENUM						
12	760106914	P-012-LN-5L-F12BK/25D	760107805	P-012-LN-5K-F12BK/25D	760106880	P-012-LN-8W-F12BK/25D
24	760094953	P-024-LN-5L-F12BK/25D	760106807	P-024-LN-5K-F12BK/25D	760106922	P-024-LN-8W-F12BK/25D
48	760094995	P-048-LN-5L-F12BK/25D	760103531	P-048-LN-5K-F12BK/25D	760094961	P-048-LN-8W-F12BK/25D
72	760095026	P-072-LN-5L-F12BK/25D	760105536	P-072-LN-5K-F12BK/25D	760095000	P-072-LN-8W-F12BK/25D
96	760095059	P-096-LN-5L-F12BK/25D	760105700	P-096-LN-5K-F12BK/25D	760095034	P-096-LN-8W-F12BK/25D
144	760095083	P-144-LN-5L-F12BK/25D	760139998	P-144-LN-5K-F12BK/25D	760095067	P-144-LN-8W-F12BK/25D



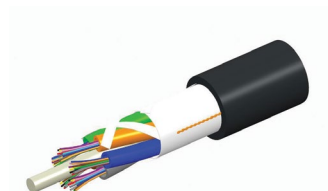
Interlocking armored

Fiber count	OM3		OM4		Singlemode	
	Material ID	Product number	Material ID	Product number	Material ID	Product number
RISER						
12	760130955	R-012-LZ-5L-F12BK/25D	760149534	R-012-LZ-5K-F12BK/25D	760120261	R-012-LZ-8W-F12BK/25D
24	760130963	R-024-LZ-5L-F12BK/25D	760239119	R-024-LZ-5K-F12BK/25D	760130088	R-024-LZ-8W-F12BK/25D
48	760130989	R-048-LZ-5L-F12BK/25D	760171488	R-048-LZ-5K-F12BK/25D	760132670	R-048-LZ-8W-F12BK/25D
72			760164129	P-072-LZ-5K-F12BK/25D	760239121	R-072-LZ-8W-F12BK/25D
96			760175224	P-096-LZ-5K-F12BK/25D	760239120	R-096-LZ-8W-F12BK/25D
144			760175216	P-144-LZ-5K-F12BK/25D	760144683	R-144-LZ-8W-F12BK/25D
PLENUM						
12	760162883	P-012-LZ-5L-F12BK/25D			760140475	P-012-LZ-8W-F12BK/25D
24	760164749	P-024-LZ-5L-F12BK/25D	760164764	P-024-LZ-5K-F12BK/25D	760140939	P-024-LZ-8W-F12BK/25D
48			760199109	P-048-LZ-5K-F12BK/25D	760175232	P-048-LZ-8W-F12BK/25D
72			760164129	P-072-LZ-5K-F12BK/25D	760149724	P-072-LZ-8W-F12BK/25D
96			760175224	P-096-LZ-5K-F12BK/25D	760149716	P-096-LZ-8W-F12BK/25D
144			760175216	P-144-LZ-5K-F12BK/25D	760120253	P-144-LZ-8W-F12BK/25D

Fiber cables

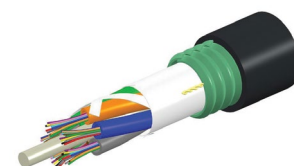
All dry outside plant cables

The OSP cables are S-Z stranded gel-free loose tube cables with twelve 250 µm color-coded fibers per color coded buffer tube.



All-dielectric (non-armored)

Fiber count	OM3		OM4		Singlemode	
	Material ID	Product number	Material ID	Product number	Material ID	Product number
RISER						
12	760054171	D-012-LN-5L-F12NS	760054288	D-012-LN-5K-F12NS	8107357/DB	D-012-LN-8W-F12NS
24	760054189	D-024-LN-5L-F12NS	760054296	D-024-LN-5K-F12NS	8107358/DB	D-024-LN-8W-F12NS
48	760054205	D-048-LN-5L-F12NS	760054312	D-048-LN-5K-F12NS	8107360/DB	D-048-LN-8W-F12NS
72	760054221	D-072-LN-5L-F12NS	760054338	D-072-LN-5K-F12NS	8107362/DB	D-072-LN-8W-F12NS



Armored

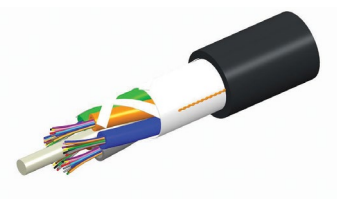
Fiber count	OM3		OM4		Singlemode	
	Material ID	Product number	Material ID	Product number	Material ID	Product number
RISER						
12	760053629	D-012-LA-5L-F12NS	760053736	D-012-LA-5K-F12NS	8107297/DB	D-012-LA-8W-F12NS
24	760053637	D-024-LA-5L-F12NS	760053744	D-024-LA-5K-F12NS	8107298/DB	D-024-LA-8W-F12NS
48	760053652	D-048-LA-5L-F12NS	760053769	D-048-LA-5K-F12NS	8107300/DB	D-048-LA-8W-F12NS
72	760053678	D-072-LA-5L-F12NS	760053785	D-072-LA-5K-F12NS	8107302/DB	D-072-LA-8W-F12NS

Fiber cables

Outside plant composite fiber cables (MM+SM in same cable)

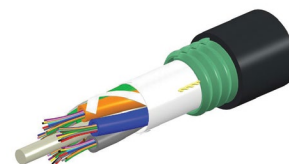
Composite cables are useful when running different network speeds, i.e., data and building automation control/access control. Instead of requiring you to run two cables with different fiber types, composite cables allow you to run one cable that contains multiple fiber types.

NOTE: Other cable constructions available; contact your customer service representative for more information.



All-dielectric (non-armored)

Fiber count	Material ID	Product number	Description
24	760175588	D-024-LN-CM-F12NS/8W012/5K012	Contains 12 Singlemode and 12 OM4 fibers
24	760141655	D-024-LN-CM-F12NS/8W012/5L012	Contains 12 Singlemode and 12 OM3 fibers
48	760166207	D-048-LN-CM-F12NS/8W024/5K024	Contains 24 Singlemode and 24 OM4 fibers
48	760140731	D-048-LN-CM-F12NS/8W024/5L024	Contains 24 Singlemode and 24 OM3 fibers
72	760229625	D-072-LN-CM-F12NS/8W036/5K036	Contains 36 Singlemode and 36 OM4 fibers
72	760161687	D-072-LN-CM-F12NS/8W036/5L036	Contains 36 Singlemode and 36 OM3 fibers

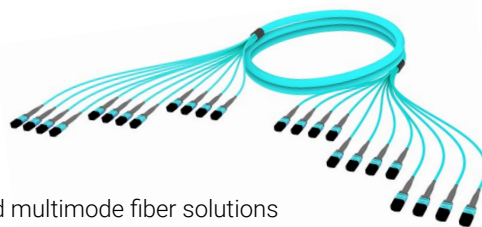


Armored

Fiber count	Material ID	Product number	Description
24	760101360	D-024-LA-CM-F12NS/8W012/5K012	Contains 12 Singlemode and 12 OM4 fibers
24	760163741	D-024-LA-CM-F12NS/8W012/5L012	Contains 12 Singlemode and 12 OM3 fibers
48	760154633	D-048-LA-CM-F12NS/8W024/5K024	Contains 24 Singlemode and 24 OM4 fibers
48	760154690	D-048-LA-CM-F12NS/8W024/5L024	Contains 24 Singlemode and 24 OM3 fibers
72	760142752	D-072-LA-CM-F12NS/8W036/5K036	Contains 36 Singlemode and 36 OM4 fibers
72	760091066	D-072-LA-CM-F12NS/8W036/5L036	Contains 36 Singlemode and 36 OM3 fibers

Fiber cable assemblies

ULL preterminated trunk cables



- 8-, 12- and 24-fiber MPO connector-based modules available in OM4 and OM5 wideband multimode fiber solutions
- 8- and 12-fiber MPO connector-based modules available in singlemode fiber solutions
- Factory-terminated and tested trunk cables provide superior quality and performance for field connections
- Consistent transmit-to-receive connectivity using Method B Enhanced polarity maintenance maximizes administrative convenience
- Simplified reconfiguration for moves, adds and changes (MACs)
- Easy upgrade path to parallel transmission and associated applications, and increased value of existing infrastructure
- SYSTIMAX ULL trunks are provisioned with pins to interface with G2 ULL modules (without pins)

SYSTIMAX ULL MPO-8 trunk cables configurator

1	2	3	4	5	6	7	8	9	10	11	12	13	14-16
U	G	V	Q	X	Q	X	Q	H	-	N	A	M	010
Construction type U Ultra-low loss	Family G Trunk, Plenum J Trunk, LSZH/Riser	Fiber type G Singlemode (A2) X OM4 multimode V OM5 WB multimode	Termination end A QP MPO8 SM APC / MM UPC (non-pinned) QX MPO8 SM APC / MM UPC (pinned)	Termination end B QX MPO8 SM APC / MM UPC (pinned)	Construction T 8f PMP Trunk 2.0mm SU			Fiber count 8 8-fiber R 16-fiber F 24-fiber H 48-fiber U 64-fiber L 96-fiber M 144-fiber N 192-fiber P 288-fiber	Color M Aqua N Lime green J Yellow		Options A 33' Both (no gland) B 33' Both (with gland) C 33' Both (with pulling grip)	Unit of measure F Feet M Meter	Length 010-999 Feet 003-305 Meter
			No non-pinned to non-pinned configurations.							• OM4 standard is aqua • OM5 standard is lime green • Singlemode standard is yellow			

SYSTIMAX ULL MPO-12 trunk cables configurator

1	2	3	4	5	6	7	8	9	10	11	12	13	14-16
U	J	X	M	X	M	X	A	K	-	M	A	F	010
Construction type U Ultra-Low Loss	Family G Trunk, Plenum J Trunk, LSZH/Riser	Fiber type G Singlemode (A2) X OM4 multimode V OM5 WB multimode	Termination end A MP MPO12 SM APC / MM UPC (non-pinned) MX MPO12 SM APC / MM UPC (pinned)	Termination end B MX MPO12 SM APC / MM UPC (pinned)	Construction C 12f PMP Trunk, 2.00mm SU			Fiber count D 12-fiber H 24-fiber K 48-fiber L 72-fiber M 96-fiber N 144-fiber P 192-fiber P 288-fiber	Color M Aqua N Lime green J Yellow		Options A 33' Both (no gland) B 33' Both (with gland) C 33' Both (with pulling grip)	Unit of measure F Feet M Meter	Length 010-999 Feet 003-305 Meter
			No non-pinned to non-pinned configurations.							• OM4 standard is aqua • OM5 standard is lime green • Singlemode standard is yellow			

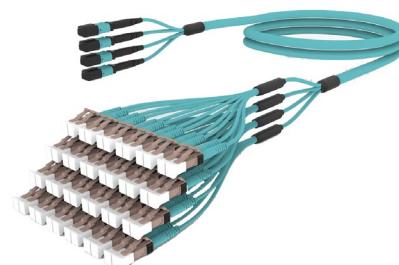
SYSTIMAX ULL MPO-24 trunk cables configurator

1	2	3	4	5	6	7	8	9	10	11	12	13	14-16
U	G	V	2	X	2	X	B	M	-	N	C	F	010
Construction type U Ultra-Low Loss	Family G Trunk, Plenum J Trunk, LSZH/Riser	Fiber type X OM4 multimode V OM5 WB multimode G Singlemode (A2)	Termination end A 2P MPO24 SM APC / MM UPC (non-pinned) 2X MPO24 SM APC / MM UPC (pinned)	Termination end B 2X MPO24 SM APC / MM UPC (pinned)	Construction B 24f PMP Trunk, 3.00mm SU			Fiber count F 24-fiber H 48-fiber K 72-fiber L 96-fiber M 144-fiber	Color M Aqua N Lime green J Yellow		Options A 33' Both (no gland) B 33' Both (with gland) C 33' Both (with pulling grip)	Unit of measure F Feet M Meter	Length 010-999 Feet 003-305 Meter
			• No non-pinned to non-pinned configurations. • Pinned to non-pinned will be configured as trunk extensions.							• OM4 standard is aqua • OM5 standard is lime green • Singlemode standard is yellow			

Fiber cable assemblies

ULL ruggedized fanout cables

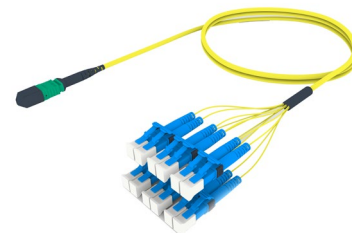
- 8-, 12- and 24-fiber MPO connector-based modular design enables simple connections
- Ruggedized fanouts are constructed with OM4 and OM5 wideband and singlemode fibers
- Factory-terminated and tested for instant field connections for excellent quality and performance
- Designed for administrative convenience—dependable transmit-to-receive connectivity
- No special or non-standard polarity components



1 U	2 L	3 X	4 M	5 P	6 L	7 C	8 A	9 D	10 -	11 M	12 E	13 F	14-16 010
Construction type U Ultra-low loss	Cable family L Rugged F/O Plenum N Rugged F/O LSZH/Riser	Fiber type G Singlemode (A2) X OM4 multimode V OM5 WB multimode	Connector 1 QP MPO8 SM APC / MM UPC (non-pinned) QX MPO8 SM APC / MM UPC (pinned) MP MPO12 SM APC / MM UPC (non-pinned) MX MPO12 SM APC / MM UPC (pinned) 2P MPO24 SM APC / MM UPC (non-pinned) 2X MPO24 SM APC / MM UPC (pinned)	Connector 2 LC LC standard LU LC Uniboot	Standard breakout length for Connector 1 is 33 in		Cordage size C 12f PMP Trunk, 2.00mm SU T 8f PMP Trunk, 2.0mm SU B 24f PMP Trunk, 3.00mm SU *24-fiber PmP cable not available for singlemode	Fiber count D 12-fiber F 24-fiber S 32-fiber G 36-fiber H 48-fiber U 64-fiber K 72-fiber L 96-fiber M 144-fiber P 288-fiber	Color M Aqua N Lime green J Yellow • OM4 standard is aqua • OM5 standard is lime green • Singlemode standard is yellow		Breakout length LC End E 24 in breakout No gland F 24 in breakout with gland G 24 in breakout pulling grip S 36 in breakout no gland T 36 in breakout pulling grip U 36 in breakout with gland H 48 in breakout no gland J 48 in breakout with gland K 48 in breakout pulling grip L 72 in breakout no gland M 72 in breakout with gland N 72 in breakout pulling grip	UOM F Feet M Meter	Total length per breakout 24 in 7-999 ft 36 in 8-999 ft 48 in 9-999 ft 72 in 11-999 ft 24 in 2-305 m 36-48 in 3-305 m 72 in 4-305 m Total length includes the breakout

Fiber cable assemblies

ULL array cords (LC and MPO)



- TeraSPEED singlemode 8- and 12-fiber or multimode 8-, 12- and 24-fiber MPO connectors ensure fast and simple connections
- All 8-fiber MPO arrays have QSFP wiring
- Available in OM4 and OM5 wideband multimode and singlemode fibers
- Factory-terminated and tested trunk cables provide superior quality and performance for field connections
- MPO-LC array fanouts are constructed with 1.6-millimeter reinforced zipcord furcation tubing for outstanding durability and dependability
- Array fanouts are available with multiple breakout lengths to simplify installation

1 U	2 Q	3 X	4 M	5 P	6 L	7 C	8 G	9 D	10 -	11 M	12 E	13 F	14-16 010
Construction type U Ultra-low loss	Cable family Q Plenum array R LSZH array	Fiber type G Singlemode (A2) X OM4 multimode V OM5 WB multimode	Connector 1 QP MPO8 SM APC / MM UPC (non-pinned) QX MPO8 SM APC / MM UPC (pinned) MP MPO12 SM APC / MM UPC (non-pinned) MX MPO12 SM APC / MM UPC (pinned) 2P MPO24 SM APC / MM UPC (non-pinned) 2X MPO24 SM APC / MM UPC (pinned)	Connector 2 LC LC standard* LU LC Uniboot	Cordage size U 12 fiber PmP Array cord F 8 fiber Pmp Array cord H 24 fiber PmP Array cord	Fiber count 8 8-fiber D 12-fiber F 24-fiber	Color M Aqua N Lime green J Yellow • OM4 standard is aqua • OM5 standard is lime green • Singlemode standard is yellow	Breakout length D 12 in breakout No gland E 24 in breakout No gland H 48 in breakout No gland L 72 in breakout No gland	UOM F Feet M Meter	Total length per breakout 12 in 3-999 ft 24 in 4-999 ft 48 in 6-999 ft 72 in 8-999 ft 12 in 1-305 m 24-48 in 2-305 m 72 in 3-305 m			

*Not available in singlemode 24-fiber MPO

*24-fiber PmP cable not available for singlemode

Other lengths available, please contact CommScope

SYSTIMAX ULL MPO array cords

- 8-, 12- and 24-fiber MPO connector-based modular design enables simple connections
- Array cords are constructed with OM4 and OM5 wideband and singlemode fibers
- Factory-terminated and tested for instant field connections, providing proven quality and performance
- MPO-MPO arrays are constructed with either 2.0 mm or 3.0 mm array cords according to the fiber count
- Arrays are available with multiple breakout lengths; minimum overall assembly length may vary based on breakout length selected (please see configuration table for specifics)



1 U	2 Q	3 X	4 M	5 P	6 M	7 P	8 G	9 D	10 -	11 M	12 E	13 F	14-16 010
Construction type U Ultra-low loss	Cable family Q Plenum array R LSZH array	Fiber type G Singlemode (A2) X OM4 multimode V OM5 WB multimode	Connector 1Connector 2				Cordage size U 12 fiber PmP Array cord F 8 fiber PmP Array cord H 24-fiber PmP Array Cord	Fiber count 8 8-fiber D 12-fiber F 24-fiber		Color M Aqua N Lime green J Yellow	Breakout length D 12 in breakout No gland E 24 in breakout No gland H 48 in breakout No gland L 72 in breakout No gland	UOM F Feet M Meter	Total length per breakout 12 in 3-999 ft 24 in 4-999 ft 48 in 6-999 ft 72 in 8-999 ft
			QP MPO8 SM APC / MM UPC (non-pinned) QX MPO8 SM APC / MM UPC (pinned) MP MPO12 SM APC / MM UPC (non-pinned) MX MPO12 SM APC / MM UPC (pinned) 2P MPO24 SM APC / MM UPC (non-pinned) 2X MPO24 SM APC / MM UPC (pinned)										
							*24-fiber PmP cable not available for singlemode						

ULL patch cords

1 U	2 Q	3 G	4 Q	5 X	6 Q	7 X	8 J	9 8	10 -	11 J	12 A	13 F	14-16 010
Construction type U Ultra-low loss	Cable family Q Plenum array R LSZH array	Fiber type G Singlemode (A2) X OM4 multimode V OM5 WB multimode	Connector 1 QP MPO8 SM APC / MM UPC (non-pinned) QX MPO8 SM APC / MM UPC (pinned)	Connector 2 QP MPO8 SM APC / MM UPC (non-pinned) QX MPO8 SM APC / MM UPC (pinned) UC Unconnectorized	Cordage size F 8 fiber Pmp Array cord	Fiber count 8 8-fiber	Color M Aqua N Lime green J Yellow	Breakout length A No gland	UOM F Feet M Meter	Length 001-999 ft 001-305 m			
							• OM4 standard is aqua • OM5 standard is lime green • Singlemode standard is yellow						

1 U	2 Q	3 G	4 M	5 X	6 M	7 X	8 G	9 D	10 -	11 J	12 A	13 F	14-16 010
Construction type U Ultra-low loss	Cable family Q Plenum array R LSZH array	Fiber type G Singlemode (A2) X OM4 multimode V OM5 WB multimode	Connector 1 MP MPO12 SM APC / MM UPC (non-pinned) MX MPO12 SM APC / MM UPC (pinned)	Connector 2 MP MPO12 SM APC / MM UPC (non-pinned) MX MPO12 SM APC / MM UPC (pinned) UC Unconnectorized	Cordage size U 12 fiber PmP Array cord	Fiber count D 12-fiber	Color M Aqua N Lime green J Yellow	Breakout length A No gland	UOM F Feet M Meter	Length 001-999 ft 001-305 m			

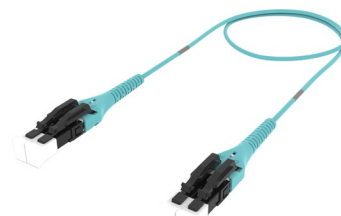
1 U	2 Q	3 V	4 2	5 X	6 2	7 X	8 H	9 F	10 -	11 N	12 A	13 F	14-16 010
Construction type U Ultra-low loss	Cable family Q Plenum array R LSZH array	Fiber type X OM4 multimode V OM5 WB multimode G Singlemode (A2)	Connector 1 2P MPO24 SM APC / MM UPC (non-pinned) 2X MPO24 SM APC / MM UPC (pinned)	Connector 2 2P MPO24 SM APC / MM UPC (non-pinned) 2X MPO24 SM APC / MM UPC (pinned) UC Unconnectorized	Cordage size H 24-fiber PmP Array Cord	Fiber count F 24-fiber	Color J Yellow M Aqua N Lime green	Breakout length A No gland	UOM F Feet M Meter	Length 001-999 ft 001-305 m			

Fiber cable assemblies

Uniboot ULL patch cords

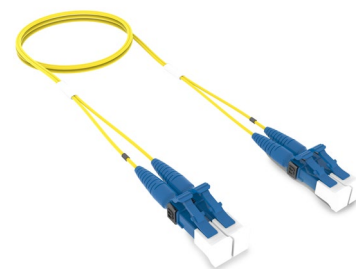
SYSTIMAX Uniboot patch cords

1 U	2 D	3 X	4 L	5 U	6 L	7 U	8 6	9 2	10 -	11 M	12 X	13 F	14-16 010
Construction type U Ultra-low loss	Cable family D Plenum F LSZH/Riser	Fiber type G Singlemode (A2) X OM4 multimode V OM5 WB multimode	Connector 1 LU LC Uniboot	Connector 2 LU LC Uniboot	Cordage size K 1.5 mm 6 2.0 mm		Fiber count 2 2-fiber	Color M Aqua N Lime green J Yellow	Breakout length X No breakout		UOM F Feet M Meter	Length 2-200 Feet 1-061 Meters	
• OM4 standard is aqua • OM5 standard is lime green • Singlemode standard is yellow											Other lengths available, please contact CommScope		



SYSTIMAX ULL fiber-optic LC patch cords

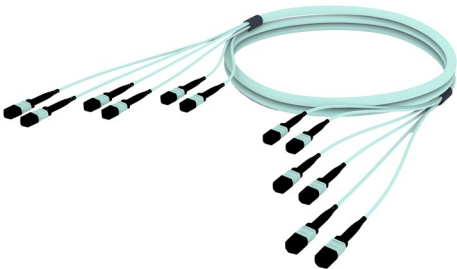
1 U	2 D	3 X	4 L	5 C	6 L	7 C	8 4	9 2	10 -	11 M	12 X	13 F	14-16 010
Construction type U Ultra-low loss	Cable family D Plenum F LSZH/Riser	Fiber type G Singlemode (A2) X OM4 multimode V OM5 WB multimode	Connector 1 LC Standard	Connector 2 LC LC Standard UC Unconnectorized	Cordage size 2 1.6mm simplex 4 1.6mm zipcord			Fiber count 1 1-fiber 2 2-fiber	Color M Aqua N Lime green J Yellow	Breakout length X No breakout	UOM F Feet M Meter	Length 2-200 Feet 1-061 Meters	
• OM4 standard is aqua • OM5 standard is lime green • Singlemode standard is yellow											Other lengths available, please contact CommScope		



Fiber cable assemblies

InstaPATCH 360 preterminated trunk cables

- Available in OM4 solutions
- 12-fiber MPO connector-based modular design enables simple connections
- Factory-terminated and tested trunk cables for instant field connections and excellent quality and performance
- Designed for administrative convenience—consistent transmit-to-receive connectivity
- Supports easy reconfiguration for moves, adds and changes
- Easy upgrade path to parallel transmission and associated applications, while preserving the initial investment

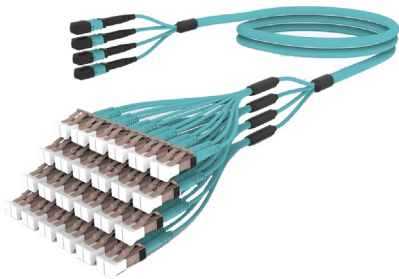


1 FG	3 X	4 MP	6 MP	8 A	9 D	10 -	11 M	12 B	13 F	14 - 16 010
Prefix FG Trunk-Plenum FJ Trunk-LSZH	Fiber Type X OM4 multimode	Connector 1 MP MPO (Non-pinned)	Connector 2 MP MPO (Non-pinned) MX MPO (Pinned)	Cordage Size A 12 Fiber PmP Cable	Fiber Count D 12 Fiber F 24 Fiber G 36 Fiber H 48 Fiber K 72 Fiber L 96 Fiber M 144 Fiber	Jacket Color M Aqua OM4 standard is aqua		Breakout Length A 33 in breakout No gland B 33 in breakout With Gland C 33 in breakout Pulling Grip	UOM F Feet M Meter	Length 10-999 Feet 3-305 Meter

Fiber cable assemblies

InstaPATCH® 360 ruggedized fanout cables

- 12-fiber MPO connector-based modular design enables simple connections
- Ruggedized fanouts are constructed with OM4 or singlemode fibers
- Factory-terminated and tested for instant field connections and proven quality and performance
- Designed for administrative convenience—elevated transmit-to-receive connectivity
- No special or non-standard polarity components



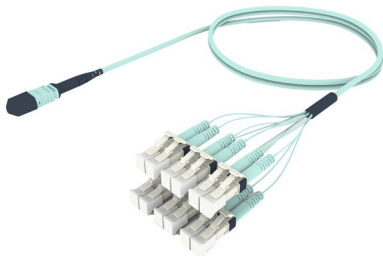
SYSTIMAX InstaPATCH 360 ruggedized fanout cables configurator

1 FL	3 X	4 MP	6 LC	8 A	9 D	10 -	11 M	12 E	13 F	14 - 16 010
Prefix FL Rugged F/O Plenum FN Rugged F/O LSZH	Fiber Type X OM4 multimode	Connector 1 MP MPO (Non-pinned) MX MPO (Pinned)	Connector 2 LC LC Standard SC SC Standard	Cordage Size A 12 Fiber PmP Cable	Fiber Count D 12 Fiber F 24 Fiber G 36 Fiber H 48 Fiber K 72 Fiber	Jacket Color M Aqua OM4 standard is aqua		Breakout Length E 24 in Breakout No Gland F 24 in Breakout With Gland G 24 in Breakout Pulling Grip H 48 in Breakout No Gland J 48 in Breakout With Gland K 48 in Breakout Pulling Grip L 72 in Breakout No Gland M 72 in Breakout With Gland N 72 in Breakout Pulling Grip P 96 in Breakout No Gland Q 96 in Breakout With Gland R 96 in Breakout Pulling Grip S 36 in Breakout No Gland T 36 in Breakout Pulling Grip U 36 in Breakout With Gland	UOM F Feet M Meter	Total length per breakout 24 in 7-999 ft 48 in 9-999 ft 72 in 11-999 ft 96 in 13-999 ft 24 in 2-999 m 48 in 3-999 m 72-96 in 4-999 m

Fiber cable assemblies

InstaPATCH® 360 array cords

- 12-fiber MPO connector-based modular design enables simple connections
- Array cords are constructed with OM4 or singlemode fibers
- Factory-terminated and tested for instant field connections and uncompromised quality and performance
- No special or non-standard polarity components
- MPO-LC/SC array fanouts are constructed with 1.6 mm reinforced zipcord furcation tubing for outstanding durability and dependability
- Array fanout assemblies are available in fanout length of 48 in for cables over 10 feet; Cables 3-9 feet, 24 inch fanout; Cables 2 feet, 12 inch fanout



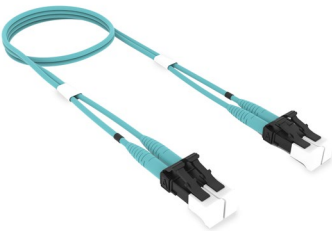
1 FQ		3 X		4 MP		6 LC		8 G		9 D		10 -		11 M		12 E		13 F		14 - 16 010	
Prefix FQ ArrayPlenum FR Array LSZH		Fiber Type X OM4 multimode		Connector 1 MP MPO (Non-pinned) MX MPO (Pinned)		Connector 2 LC LC Connector SC SC Standard		Cordage Size G 12 Fiber PmP Array Cord		Fiber Count D 12 Fiber		Jacket Color M Aqua • OM4 standard is aqua				Breakout Length D 12 in Breakout No Gland E 24 in Breakout No Gland H 48 in Breakout No Gland L 72 in Breakout No Gland P 96 in Breakout No Gland		UOM F Feet M Meter		Total length per breakout 12 in 2-999 ft 24 in 4-999 ft 48 in 6-999 ft 72 in 8-999 ft 96 in 10-999 ft 24 in 1-305 m 48 in 2-305 m 72 in 3-305 m 96 in 4-305 m	

Fiber cable assemblies

Fiber optic patch cords

SYSTIMAX fiber optic patch cords

- Duplex zipcord construction provides better mechanical performance with less risk of damage from crimping
- Rugged 1.6 mm or cordage for durable and easily handled connections
- Outer jacket colored for easy identification



SYSTIMAX fiber optic patch cords configurator

1 FD	3 X	4 LC	6 LC	8 2	9 1	10 -	11 M	12 X	13 F	14 - 16 010
Prefix FD Jumper/ Plenum FF Jumper/LSZH Riser	Fiber Type X OM4 multimode W Singlemode	Connector 1 LC LC Standard SC SC Standard LA LC Angled SA SC Angled	Connector 2 LC LC Standard SC SC Standard LA LC Angled SA SC Angled	Cordage Size 2 1.6mm Simplex 4 1.6mm Zipcord	Fiber Count 1 1 Fiber 2 2 Fiber	Jacket Color A Blue B Orange C Green D Brown E Slate G Red H Black J Yellow K Violet L Rose M Aqua N Lime		Breakout Length X No Breakout	UOM F Feet M Meter	Breakout Length 2-200 Feet 1-061 Meters
• OM4 standard is aqua • Singlemode standard is yellow										

Fiber cable assemblies

Patch cords and pigtails

SYSTIMAX fiber optic pigtails configurator

					UN			-						
--	--	--	--	--	----	--	--	---	--	--	--	--	--	--

Prefix

F	Fiber low loss
U	Fiber ultra low loss

Family

A	Unrated
B	Riser SBJ

Fiber type

X	LazrSPEED 550 multimode
W	TeraSPEED singlemode
V	LazrSPEED W6 550 multimode

Termination end A

LC	LC UPC
LA	LC APC
L#	Keyed LC
SC	SC UPC
SA	SC APC

end

Termination End B

UC	Unconnectorized
----	-----------------

Length

XXX	001-066 feet 001-020 meters
-----	--------------------------------

Example: 2 feet = 002,
10 meters = 010

Unit of measure

F	Feet
M	Meters

Options

X	No breakout
---	-------------

Jacket color

A	Blue	H	Black
B	Orange	J	Yellow
C	Green	K	Violet
D	Brown	L	Rose
E	Slate	M	Aqua
F	White	N	Lime green
G	Red	X	Kit

Fiber count

1	1 fiber
A	6 pigtail kit A (blue/white)
B	6 pigtail kit A (red/aqua)
C	12 pigtail kit A (blue/aqua)

Construction

0	900μ tight buffered
I	900μ SBJ reinforced jacket

Fiber panels, modules and adapters

Fiber panels

CommScope offers a comprehensive range of fiber patch panels, modules, adapters and patch cords designed to optimize network infrastructure. These solutions play a pivotal role in managing and distributing fiber connections within cabinets and enclosures.

Meticulously engineered for efficiency and scalability, our fiber patch panels and components facilitate seamless connectivity by accommodating various fiber connectors, including LC, SC, and MTP/MPO. Designed for high-density and ultra-density configurations, they are ideal for data centers and enterprise networks.

EPX, HD and UD panels

Express (EPX) panels are flexible, modular, and compact, designed for high-density data centers and enterprise campus networks. They support interchangeable MPO modules, adapter packs, and splice cassettes—enabling rapid scaling, in-panel splicing, and improved organization for 10G to 400G+ migrations. High density (HD) panels are designed for high-density applications in data centers and buildings. They accommodate up to 48 duplex LC ports or 32 MPO ports per 1U and are available in 1U, 2U and 4U sizes. Ultra density (UD) panels support up to 72 duplex LC ports or 48 MPO ports per RU, making them ideal for maximum density applications. Featuring a modular design and sliding/split tray access, they simplify moves, adds, and changes without interrupting active channels and is available in 2U and 4U sizes.

The EPX, HD and UD panels all support the G2 style module and adapter panels, which are backwards compatible with previous hardware such as the InstaPATCH 360 and 360G2 fiber panels. The HD and UD panels also both support intelligence through the imVision AIM solution.

G2 modules and adapter packs

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Propel® panels

Like all components of the Propel® family, Propel panels are completely modular and interchangeable, designed to adapt and grow as your needs change. They support 8-, 12-, 16-, and 24-fiber ULL MPO connectivity and up to 144 LC-connected fibers per RU—giving you the flexibility and density to seamlessly advance to 100 Gb, 400 Gb, 800 Gb and beyond without the need to change panels onsite. Any size Propel component can be used in each panel or blade, and components can be installed and removed from front or rear of panel.

To learn more, download the [Propel ordering guide](#).

Fiber panels, modules and adapters

Fiber panels

Intelligent panels

Available in HD and UD densities, intelligent panels are part of the imVision AIM solution, enabling you to add network intelligence to your network management toolbox. These panels provide real-time monitoring and management of the physical layer infrastructure, helping to track all connections and changes within the network. They are available in various form factors (e.g., G2 LC fiber panel and sliding) and densities (HD and UD), and support both TeraSPEED and LazrSPEED fiber types.

[imVision panels](#)

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M-Series panels

These are modular patch panels used for organizing and terminating copper or fiber-optic cabling in data centers and telecommunication closets. Available in a 48-port 1U footprint or a 24-port 1U / 48-port 2U configuration with flat and angled faces, M-Series panels feature a modular design for flexible configuration and future upgrades and are compatible with DYMO labeling solutions for easy identification.

360 Evolve panels

360 Evolve panels are high-performance solutions designed for terminating and managing copper and fiber cables in data centers and telecommunication rooms. For more information, see the listing in Section 1 under "Copper panels."

[360 Evolve panels](#)

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Fiber panels, modules and adapters

Specialty panels

The G2 family of panels and modules is a versatile solution that is available in configurations for any application. No matter what polarity, fiber count or performance needed, the G2 family has a solution. Our G2 family modules fit into any EPX, HD or UD panels, offering density up to 72f duplex LC or 48f MPO and adding flexibility to any configuration. The following high-level overview provides details of the EPX, HD and UD panels and associated modules and components.

G2 panels

Series	Density	Concept	Material ID	Description	Intelligence-upgradable
EPX - Express Compact & Flexible	96 LC/RU 32 MPO/RU	Open Rear Fixed	760251098	EPX-1U-MOD-OPEN-FX	No
		Basic Enclosed Sliding	760249998	EPX-1U-MOD-ENC	No
			760251044	EPX-2U-MOD-ENC	No
			760251048	EPX-4U-MOD-ENC	No
		Basic Enclosed Fixed	760251042	EPX-1U-MOD-ENC-FX	No
			760251046	EPX-2U-MOD-ENC-FX	No
			760251050	EPX-4U-MOD-ENC-FX	No
HD - High Density Premium Features	96 LC/RU 32 MPO/RU	Standard Fixed	760210732	HD-1U-FX	Yes
			760210740	HD-2U-FX	Yes
			760210757	HD-4U-FX	Yes
		Standard Sliding	760209940	HD-1U	Yes
			760209957	HD-2U	Yes
			760209965	HD-4U	Yes
		Standard w/Splicing	760231506	HD-1U-SP	Yes
			760231514	HD-2U-SP	Yes
			760231522	HD-4U-SP	Yes
UD - Ultra Density Premium Features	144 LC/RU 48 MPO/RU	Premium Sliding	760227306	UD-2U	Yes
			760227314	UD-4U	Yes

EPX, HD and UD panels

The EPX, HD and UD fiber panels support the G2 style module and adapter panels, which are backwards compatible with previous hardware such as the InstaPATCH 360 and 360G2 fiber panels.

The HD and UD panels also both support intelligence through the automated infrastructure management (AIM) imVision solution. Please download the [imVision Solutions Guide](#) for more information.

The EPX panel is a low-cost panel available in 1U, 2U and 4U sizes in fixed and sliding.

The HD (high density) panel is available in 1U, 2U and 4U sizes, and supports high-density applications in data centers and buildings.

The UD (ultra density) panel is designed for even higher density applications and is available in 2U and 4U sizes.



Modules, cassettes and adapters

G2 modules, adapter packs

G2 modules fit any G2 EPX, HD or UD panels, offering density from 96f LC to 144f LC (UD) per RU. G2 ULL modules support higher speeds over longer distances, allowing you to meet the loss budgets of today's ultra-low loss links; they also can comply with the SYSTIMAX Application Assurance requirements. These modules are factory tested to 0.35 dB IL multimode and 0.60 dB singlemode. G2 low-loss modules are also available.

G2 adapter packs are available for singlemode and multimode (OM3/OM4/OM5) applications and in 12-fiber and 24-fiber configurations. G2 MPO adapter pack options include 2 MPO, 4 MPO, 6 MPO and 8 MPO connectivity. Other available G2 components include conversion modules, splice cassettes, pigtail cassettes, and a range of accessories, including wall boxes, splice kits and mounting brackets.



360DPis-24LC-LS

G2 adapter packs

	12 fiber			24 fiber		
	Material ID	Description	Intelligent-upgradable	Material ID	Description	Intelligent-upgradable
LC Multimode (OM3-OM4)	760230938	360DPis-12LC-LS	No	760216754	360DPis-24LC-LS	No
LC Multimode (OM5)	760236043	360DPis-12LC-WB	No	760236041	360DPis-24LC-WB	No
LC Singlemode	760230946	360DPis-12LC-SM	No	760216762	360DPis-24LC-SM	No
LC Singlemode APC	760230961	360DPis-12LCA-SM	No	760216770	360DPis-24LCA-SM	No
SC Multimode (OM3-OM4)	760134551	360DP-12SC-LS	No	X	X	No
SC Singlemode	760135087	360DP-12SC-SM	No	X	X	No
SC Singlemode APC	760135095	360DP-12SCA-SM	No	X	X	No



360DP-2MPO



360DP-4MPO



360DP-6MPO



360DP-8MPO

G2 MPO adapter packs

	Material ID	Description	Intelligent-upgradable
2 MPO	760107490	360DP-2MPO	No
4 MPO	760107508	360DP-4MPO	No
6 MPO	760107516	360DP-6MPO	No
8 MPO	760107524	360DP-8MPO	Yes

imVision panels

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Modules, cassettes and adapters

G2 modules, adapter packs

G2 ULL modules support higher speeds over longer distances, allowing you to meet the loss budgets of today's ultra-low loss links, and can be used for the CommScope Application Assurance Guarantee. G2 ULL modules are factory tested to 0.35 dB IL multimode and 0.60 dB singlemode.



DM12-24LC-WB-ULL

G2 modules—ultra-low loss solutions Method B Enhanced

	MPO 8 - 24 fiber			MPO 12 - 12 fiber		
	Material ID	Description	Intelligent-upgradable	Material ID	Description	Intelligent-upgradable
LC Multimode (OM3-OM4)	760236108	DM08-24LC-LS-ULL	No	760238838	DM12-12LC-LS-ULL	No
LC Multimode (OM5)	760236109	DM08-24LC-WB-ULL	No	760238839	DM12-12LC-WB-ULL	No
LC Singlemode UPC	760238082	DM08-24LC-SM-ULL	No	760238837	DM12-12LC-SM-ULL	No
	MPO 12 - 24 fiber			MPO 24 - 24 fiber		
LC Multimode (OM3-OM4)	760236110	DM12-24LC-LS-ULL	No	760236112	DM24-24LC-LS-ULL	No
LC Multimode (OM5)	760236111	DM12-24LC-WB-ULL	No	760236113	DM24-24LC-WB-ULL	No
LC Singlemode UPC	760238083	DM12-24LC-SM-ULL	No			



360DMis-12LC-LS



360DMis-12LC-SM



360DMis-12LCA-SM



360DMis-24LC-LS

G2 MPO modules—low-loss solutions Method B

	12 fiber			24 fiber		
	Material ID	Description	Intelligent-upgradable	Material ID	Description	Intelligent-upgradable
LC Multimode (OM3-OM4)	760224071	360DMis-12LC-LS	No	760206532	360DMis-24LC-LS, AQUA	No
LC Multimode (OM5)	760224113	360DMis-12LC-LS-WB	No	760217950	360DMis-24LC-WB	No
LC Singlemode UPC	760224089	360DMis-12LC-SM	No	760206540	360DMis-24LC-SM BLUE	No
LC Singlemode APC	760224238	360DMis-12LCA-SM	No	760206565	360DMis-24LCA-SM	No
SC Multimode (OM3-OM4)	760109967	360DM-12SC-LS	No			
SC Singlemode UPC	760109975	360DM-12SC-SM	No			
SC Singlemode APC	760109991	360DM-12SCA-SM	No			

Modules, cassettes and adapters

G2 modules, adapter packs

G2 conversion modules are available in low-loss, 0.50 dB MM/1.34 dB SM IL and ultra-low loss 0.40 dB MM/0.70 dB SM IL performance.



360CM12-2x3-LS

G2 conversion modules

	low-loss Method B			Ultra low-loss Method B Enhanced		
	Material ID	Description	Intelligent-upgradable	Material ID	Description	Intelligent-upgradable
MPO12 (2) / MPO8 (3) OM4	760200345	360CM12-2x3-LS	No	760237217	CM12-2X3-LS-ULL	No
MPO12 (4) / MPO8 (6) OM4	760200352	360CM12-4x6-LS	No	760237220	CM12-4X6-LS-ULL	No
MPO12 (2) / MPO8 (3) Singlemode	760220400	360CM12-2x3-TS	No	760237216	CM12-2X3-SM-ULL	No
MPO12 (4) / MPO8 (6) Singlemode	760220418	360CM12-4x6-TS	No	760237219	CM12-4X6-SM-ULL	No
MPO12 (2) / MPO8 (3) OM5			No	760237218	CM12-2X3-WB-ULL	No
MPO12 (4) / MPO8 (6) OM5			No	760237221	CM12-4X6-WB-ULL	No

Low-loss Method B - MPOs pinned on both front and back

Ultra-low loss Method B Enhanced—MPOs unpinned on the rear, pinned in the front



G2-SP-24LCG-PT



G2-SP-24LCV-PT

G2 splice cassettes

	Stranded			Ribbon		
	Material ID	Description	Intelligent-upgradable	Material ID	Description	Intelligent-upgradable
LC Multimode (OM4)	760258202	G2-SP-24LC-OM4-PT	No	760244928	G2-SP-24LCX-RPT	No
	760258206	G2-SP-12LC-OM4-PT	No	760245400	G2-SP-12LCX-RPT	No
LC Multimode (OM5)	760258201	G2-SP-24LC-OM5-PT	No	N/A	N/A	No
	760258204	G2-SP-12LC-OM5-PT	No	N/A	N/A	No
LC UPC Singlemode	760258028	G2-SP-24LC-SM-PT	No	760244930	G2-SP-24LCG-RPT	No
	760258027	G2-SP-12LC-SM-PT	No	760245402	G2-SP-12LCG-RPT	No
LC APC Singlemode	760258203	G2-SP-24LA-SM-PT	No	760248150	G2-SP-12LAG-RPT	No
	760258207	G2-SP-12LAG-PT	No	760248151	G2-SP-24LAG-RPT	No
Empty Cassette No Fiber	760245494	G2-SP-24LC	No			
	760245495	G2-SP-12LC	No			
	760245497	G2-SP-0000 (no adapters)	No			

Modules, cassettes and adapters

G2 modules, adapter packs



360G2 Cartridge 12-LC-LS-AQ



360G2 Cartridge 12-LCA-SM-GR



360G2 Cartridge 12-LC-SM-BL

G2 pigtail cassettes

	No pigtails			pigtails included		
	Material ID	Description	Intelligent-upgradable	Material ID	Description	Intelligent-upgradable
LC Multimode (OM3-OM4)	760109256	360G2 Cartridge 12-LC-LS-AQ	Yes	760109470	360G2 Cartridge 12-LC-LS-AQ-Pigtails	Yes
LC Singlemode UPC	760109272	360G2 Cartridge 12-LC-SM-BL	Yes	760109496	360G2 Cartridge 12-LC-SM-BL-Pigtails	Yes
LC Singlemode APC	760109280	360G2 Cartridge 12-LCA-SM-GR	Yes	760109504	360G2 Cartridge 12-LCA-SM-GR-Pigtails	Yes
SC Multimode (OM3-OM4)	760109298	360G2 Cartridge 6-SC-LS-AQ	No	760109512	360G2 Cartridge 6-SC-LS-AQ-Pigtails A	No
				760109520	360G2 Cartridge 6-SC-LS-AQ-Pigtails B	No
SC Singlemode UPC	760109314	360G2 Cartridge 6-SC-SM-BL	No	760109553	360G2 Cartridge 6-SC-SM-BL-Pigtails A	No
				760109561	360G2 Cartridge 6-SC-SM-BL-Pigtails B	No
SC Singlemode APC	760109322	360G2 Cartridge 6-SCA-SM-GR	No	760109579	360G2 Cartridge 6-SCA-SM-GR-Pigtails A	No
				760109587	360G2 Cartridge 6-SCA-SM-GR-Pigtails B	No

Cassettes with pigtails require a splice tray. Recommended only for panels that admit splice trays.

Modules, cassettes and adapters

Propel®

High speed fiber platform for today's applications
and tomorrow's emerging technologies

Propel® modules and adapter packs

With 8-, 12-, 16- and 24-fiber modules and a wide range of MPO, LC and SN adapter/connector options, the Propel portfolio delivers the versatility your network demands with a minimum number of components. Four sizes of interchangeable Propel fiber modules and adapters provide the breadth of capabilities for virtually any configuration.

Modules support ultra low-loss OM4, OM5 wideband and singlemode fiber applications. MPO modules provide plug-and-play fiber connectivity—enabling greater flexibility, faster deployment, and easier moves, adds, and changes. LC and MPO 8-, 12- and 24-fiber components feature internal shutters to provide enhanced dust protection without the need for disposable dust caps. The shutters are carefully designed to prevent contact with connector ferrules and are translucent to allow light from a VFL to show through. Modules and adapter packs of varying sizes can be mixed on each blade for a best-fit panel configuration. All modules are standardized on Method B Enhanced polarity for easier, faster deployment of duplex and parallel applications.

To learn more, [visit our website](#) and download the [Propel ordering guide](#).

Fiber connectivity

Qwik®-Fuse connector kits, tool kits and accessories

As a leading supplier of fiber-optic adapters, connectors and accessories, CommScope offers a complete line of fiber connectivity solutions that deliver excellent optical and mechanical performance.

We provide a variety of simplex, duplex and ganged fiber adapters as well as anaerobic and no-epoxy, no-polish (NENP) connectors designed to accommodate singlemode and multimode fibers. We also feature a wide array of standard connectors, including FC, SC MPO, LC and LightCrimp Plus™ connectors.

Qwik-Fuse connector kits, tool kits and accessories

Easy to use and quick to install, SYSTIMAX Qwik-Fuse field-installable connectors and tool kits are designed to simplify the termination process and enable quick termination with minimal time and cost. They help ensure consistent and clean terminations without unwanted slack storage or pre-engineered lengths.

CommScope's robust portfolio of field-installable connectors is ideal for campus environments where exact measurements are not possible, or when there's a need for a fast repair to restore network connections. The Qwik-Fuse family offers traditional epoxy/polish solutions, fusion splice-on connectors, as well as solutions with a pre-polished ferrule from the factory, which eliminates the need for polishing, adhesives, and crimping in the field.



Qwik-Fuse connector kits, tool kits and accessories

Material ID	Description	Connector	Fiber	Cable	Housing color	Package
760258743	MFC-LCF-09-5Y-12-PACK	LC	OM3/4/5	0.25/0.9 mm	Aqua	12/pack
760258742	MFC-LCF-20-5Y-12-PACK	LC	OM3/4/5	1.6/2.0 mm	Aqua	12/pack
760258745	SFC-LCF-09-8Y-12-PACK	LC-UPC	OS2	0.25/0.9 mm	Blue	12/pack
760258744	SFC-LCF-20-8Y-12-PACK	LC-UPC	OS2	1.6/2.0 mm	Blue	12/pack
760258741	SFC-LCAF-09-8Y-12-PACK	LC-APC	OS2	0.25/0.9 mm	Green	12/pack
760258740	SFC-LCAF-20-8Y-12-PACK	LC-APC	OS2	1.6/2.0 mm	Green	12/pack
760258751	MFC-SCF-09-5Y-12-PACK	SC	OM3/4/5	0.25/0.9 mm	Aqua	12/pack
760258749	MFC-SCF-20-5Y-12-PACK	SC	OM3/4/5	1.6/2.0 mm	Aqua	12/pack
760258750	MFC-SCF-30-5Y-12-PACK	SC	OM3/4/5	3.0 mm	Aqua	12/pack
760258754	SFC-SCF-09-8Y-12-PACK	SC-UPC	OS2	0.25/0.9 mm	Blue	12/pack
760258752	SFC-SCF-20-8Y-12-PACK	SC-UPC	OS2	1.6/2.0 mm	Blue	12/pack
760258753	SFC-SCF-30-8Y-12-PACK	SC-UPC	OS2	3.0 mm	Blue	12/pack
760258748	SFC-SCAF-09-8Y-12-PACK	SC-APC	OS2	0.25/0.9 mm	Green	12/pack
760258746	SFC-SCAF-20-8Y-12-PACK	SC-APC	OS2	1.6/2.0 mm	Green	12/pack
760258747	SFC-SCAF-30-8Y-12-PACK	SC-APC	OS2	3.0 mm	Green	12/pack

(Continued)

Fiber connectivity

Qwik®-Fuse connector kits, tool kits and accessories

Qwik-Fuse connector kits, tool kits and accessories (continued)

Material ID	Description
760258896	Qwik-Fuse Termination Tool Kit, LC, SC (for splice-on connector termination)
760258897	Qwik-Fuse Installer Tool Kit, LC, SC, with Qwik-Fuse Installer and termination tools
760244684	Qwik-Fuse cord tool, 1.6, 2.0, 3.0 mm
760243576	Qwik-Fuse Installer
760243617	Qwik-Fuse fiber holder, tight buffer and cordage (for use with Qwik-Fuse Installer and many AFL and Sumitomo splicers)
760244521	Qwik-Fuse fiber holder, loose buffer and 250µm fiber (for use with Qwik-Fuse Installer and many AFL and Sumitomo splicers)
760244706	Qwik-Fuse fiber holder, Fitel, set
760245135	Qwik-Fuse connector duplex clip, LC, 10 per pack
760245136	Qwik-Fuse connector duplex clip, SC, 10 per pack

Fiber connectivity

Qwik II® connector kits, tool kits and accessories

The CommScope Qwik II® connector is a mechanical-splice connector that is easy to use; it can be terminated in less than one minute and can be re-terminated up to three times. By eliminating the need for specialized tools and power, QWIK II connectors can be used virtually anywhere. They are available in LC, SC and ST connector styles and require no epoxy, polishing, fusion splicing or special tools.

Qwik II connector kits

Material ID	Description	Connector	Fiber	Cable	Housing color	Package
760117887	MFC-LCF-09-5X	LC	OM3/4/5	0.25/0.9 mm	Aqua	Single
760242343	MFC-LCF-UNV-5X*	LC	OM3/4/5	0.25/0.9/2.0/3.0 mm	Aqua	Single
760117903	MFC-LCF-09-6X	LC	OM1	0.25/0.9 mm	Beige	Single
760117895	SFC-LCF-09-8X	LC-UPC	OS2	0.25/0.9 mm	Blue	Single
760242344	SFC-LCF-UNV-8X*	LC-UPC	OS2	0.25/0.9/2.0/3.0 mm	Blue	Single
760242345	SFC-LCAF-UNV-8X*	LC-APC	OS2	0.25/0.9/2.0/3.0 mm	Green	Single
760184697	SFC-LCF-09-8A-25-PACK	LC-APC	OS2	0.25/0.9 mm	Green	25/pack
760117945	MFC-SCF-09-5X	SC	OM3/4/5	0.25/0.9 mm	Aqua	Single
760242346	MFC-SCF-UNV-5X*	SC	OM3/4/5	0.25/0.9/2.0/3.0 mm	Aqua	Single
760117960	MFC-SCF-09-6X	SC	OM1	0.25/0.9 mm	Beige	Single
760117952	SFC-SCF-09-8X	SC-UPC	OS2	0.25/0.9 mm	Blue	Single
760242347	SFC-SCF-UNV-8X*	SC-UPC	OS2	0.25/0.9/2.0/3.0 mm	Blue	Single
760242348	SFC-SCAF-UNV-8X*	SC-APC	OS2	0.25/0.9/2.0/3.0 mm	Green	Single
760184689	SFC-SCF-09-8A-25-PACK	SC-APC	OS2	0.25/0.9 mm	Green	25/pack

* Field-terminated fiber patch cords are not included in CommScope Extended System Warranty



Qwik II connector tool kits and accessories

Material ID	Description
760242377	Qwik II connector termination tool kit
760248225	Qwik II connector termination tool kit, premium
760243353	Replacement blade for high-precision cleaver
760249056	Optical Fiber Visual Fault Locator
760243349	Fiber clamp, buffer tube, 900 µm
760243350	Fiber clamp, 2.0 mm
760243351	Fiber clamp, 3.0 mm
760243081	Qwik II LC duplex clip, 6 per pack



Fiber connectivity

Fiber optic connectors

CommScope offers a comprehensive portfolio of high-performance SYSTIMAX fiber optic connectors engineered to meet the diverse and demanding requirements of today's enterprise networks. Designed and rigorously tested to ensure superior optical and mechanical performance, the portfolio accommodates both singlemode and multimode fibers and offers a wide array of options: traditional anaerobic connectors, innovative no-epoxy, no-polish (NENP) solutions, and standard LC, SC, and MPO formats. Whether your network demands rapid field installations or precise factory-terminated quality, our fiber connectors provide the durability and bandwidth essential for an agile, future-ready infrastructure.

Anaerobic fiber optic connectors

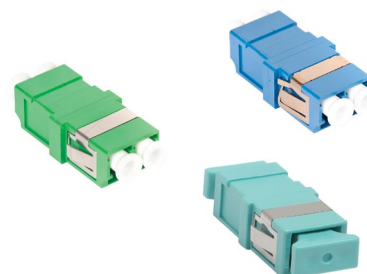
Mode	Connector	Polish	Cable (mm)	Simplex		Duplex		Bulk pack 100 pcs simplex	
SM	SC	UPC	0.9	760007112	SFC-SCR-09-BL			760019562	SFC-SCR-09-BL-100-BULK-PACK
SM	SC	UPC	1.6	760112243	SFC-SCR-16-BL	760112300	SDC-SCR-16-BL		
SM	SC	UPC	3.0	760007096	SFC-SCR-30-BL	760112326	SDC-SCR-30-BL		
MM	SC	UPC	0.9	760007070	MFC-SCR-09-BG				
MM	SC	UPC	1.6	760112227	MFC-SCR-16-BG	760112268	MDC-SCR-16-BG		
MM	SC	UPC	3.0	760007047	MFC-SCR-30-BG	760112284	MDC-SCR-30-BG		
SM	LC	UPC	0.9	760034199	SFC-LCR-09-BL			760031401	SFC-LCR-09-BL-100-BULK-PACK (100ea)
SM	LC	UPC	1.6	760034173	SFC-LCR-16-BL	760091439	SDC-LCR-16-BL		
SM	LC	UPC	3	760111492	SFC-LCR-30-BL	760111534	SDC-LCR-30-BL		
SM	LC	APC	1.6			760150557	SDC-LC/APC-16-GR		
MM	LC	UPC	0.9	760034181	MFC-LCR-09-BG			760091546	MFC-LCR-09-BG-100-BULK-PACK
MM	LC	UPC	1.6	760034140	MFC-LCR-16-BG	760034157	MDC-LCR-16-BG		
MM	LC	UPC	3	760111476	MFC-LCR-30-BG	760111518	MDC-LCR-30-BG		

Fiber connectivity

Fiber optic adapters

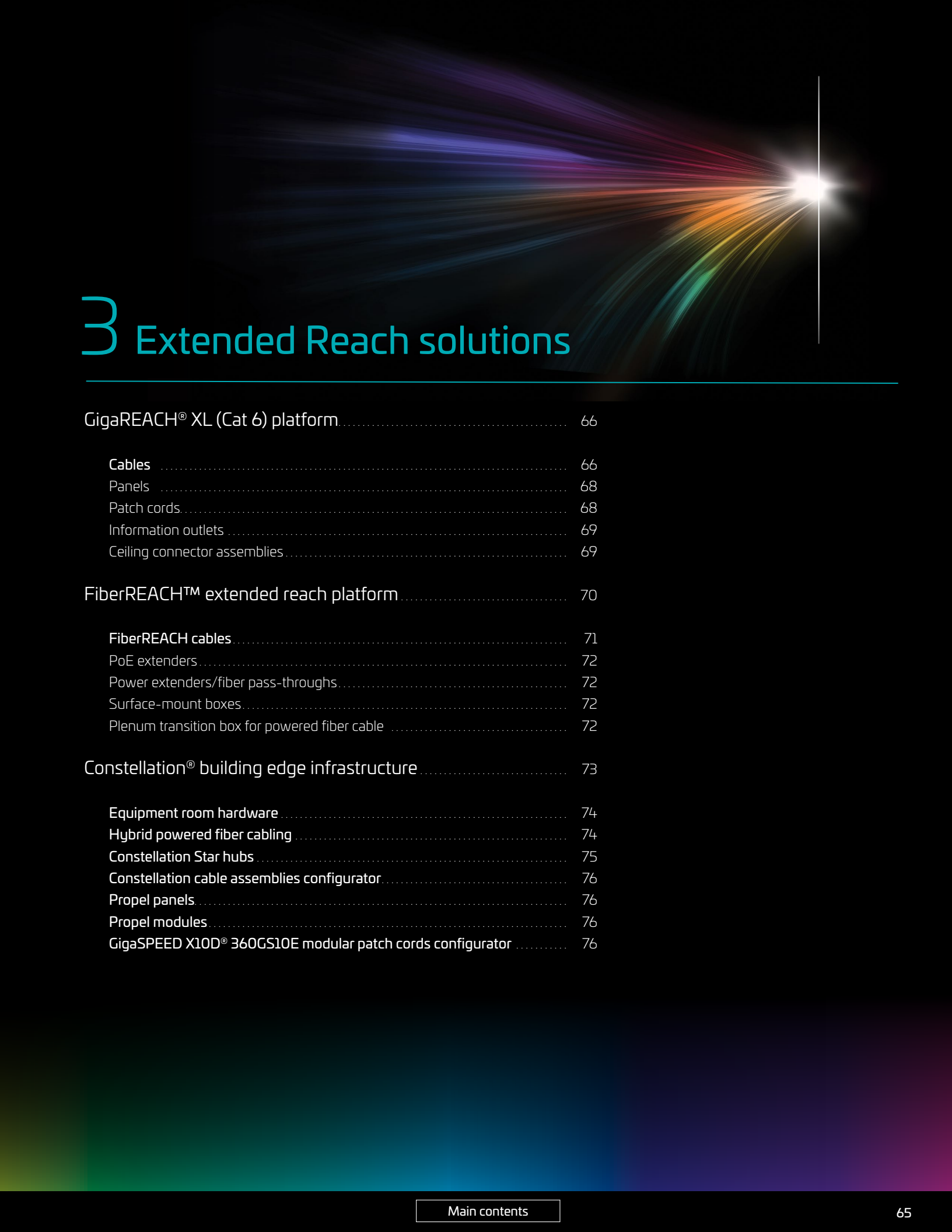
SYSTIMAX fiber adapters include our OC-ADP adapters that feature a one-piece housing with no ultrasonic welding. High-quality zirconia ceramic split sleeves ensure precise alignment, reliability and improved reconnect ability. Translucent easy-grip dust caps and integrated mounting clips help reduce installation time.

Adapters are also available in a wide variety of configurations to support simplex and duplex, singlemode and multimode, keyed and non-keyed applications. In addition, the SYSTIMAX fiber family offers faceplate adapters, splice wallet kits, as well as kits for cleaning/inspection and fiber breakouts.



Adapters

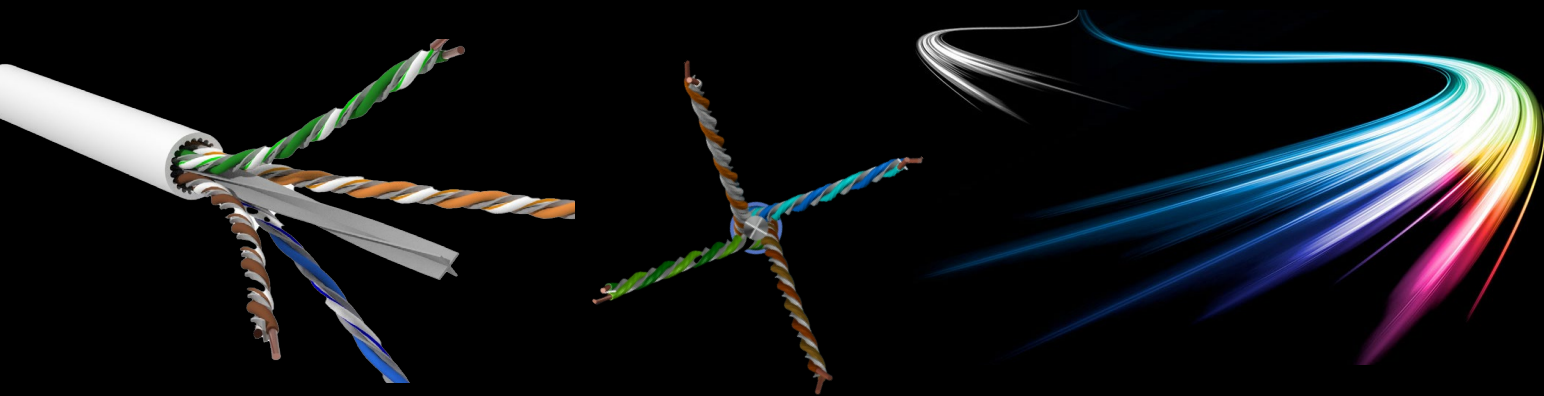
Material ID	Product number	Description
760263857	MFA-LC02-AQ/LP-SHUTTERED	LC Duplex Low Profile Shuttered Adapter, Aqua, Single Pack
760255424	MFA-LC02-AQ/LP	LC Duplex Low Profile Adapter, Aqua, Single Pack
760255425	MFA-LC02-BG/LP	LC Duplex Low Profile Adapter, Beige, Single Pack
760263859	AFA-LC02-GR/LP-SHUTTERED	LC-APC Duplex Low Profile Shuttered Adapter, Green, Single Pack
760115246	AFA-LC02-GR/LP	LC-APC Duplex Low Profile Adapter, Green, Single Pack
760263858	SFA-LC02-BL/LP-SHUTTERED	LC Duplex Low Profile Shuttered Adapter, Blue, Single Pack
760115238	SFA-LC02-BL/LP	LC Duplex Low Profile Adapter, Blue, Single Pack
760255431	MFA-SC02-BG-FLANGELESS	SC Duplex Flangeless Adapter, Beige, Single Pack
760255433	MFA-SC01-BG	SC Simplex Adapter, Beige, Single Pack
760255434	MFA-SC02-AQ	SC Duplex Adapter, Aqua, Single Pack
760255436	MFA-SC02-BG	SC Duplex Adapter, Beige, Single Pack
760255432	MFA-SC01-AQ	SC Simplex Adapter, Aqua, Single Pack
760255429	MFA-SC01-BG-FLANGELESS	SC Simplex Flangeless Adapter, Beige, Single Pack
760255428	MFA-SC01-AQ-FLANGELESS	SC Simplex Flangeless Adapter, Aqua, Single Pack
760036285	AFA-SC02-GR	SC-APC Duplex Adapter, Green, Single Pack
760115675	AFA-SC02-GR-FLANGELESS	SC-APC Duplex Flangeless Adapter, Green, Single Pack
700004815	SFA-SC02-BL	SC Duplex Adapter, Blue, Single Pack
760115642	SFA-SC02-BL-FLANGELESS	SC Duplex Flangeless Adapter, Blue, Single Pack



3 Extended Reach solutions

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GigaREACH® XL (Cat 6) platform



The transformation of enterprise networks has been rapid and disruptive. Today's network is expected to connect and power all operational systems and devices—with more mission-critical devices (security cameras, access control panels, wireless access points, etc.) needed at the edge, often beyond the 100 m limit set by the standards. How can you support a device beyond the 100 m threshold while ensuring all the performance of a standards-based connection?

The SYSTIMAX GigaREACH XL solution is the first extended reach Category 6 UTP solution that supports 1 Gbps/90 W up to 150 m, 100 Mbps/90 W up to 200 m, and 10 Mbps/90 W up to 250 m. An innovative and proprietary twist technology enables use of the industry's lowest loss conductor. The 21 AWG conductor reduces DC resistance to just 4.69 ohms/100 m—half the DC resistance allowed for standardized Category 6 cables. So you can reduce power transmission loss between power source and device by 50%, or double the distance for the same transmission loss, or some combination of both.

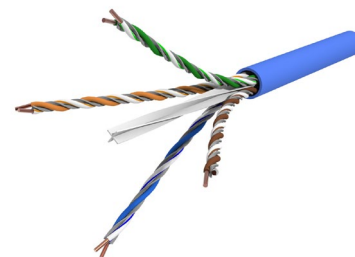
The GigaREACH XL platform consists of extended reach Cat 6 twisted-pair cables, panels and patch cords, information outlets and ceiling connector assemblies.

Cables

Available as plenum, riser-rated and outdoor solutions, GigaREACH XL cables and channels meet all Cat 6 requirements. So they easily integrate into your structured cabling architecture and use the same installation tools, procedures, panels and jacks as the SYSTIMAX family of GigaSPEED solutions. Improved DC resistance enables support for PoE applications at all PoE levels, while the significantly improved insertion loss maximizes the distance over which the most popular 10/100/1000BASE-T applications operate.

GigaREACH® XL (Cat 6) platform

Cables



GigaREACH XL cables

Material ID	Product number	Description
760258509	1073A Blue	Riser GigaREACH XL, blue jacket, 1,000 ft reel (305 m)
760259248	1073A Blue 3kft	Riser GigaREACH XL, blue jacket, 3,000 ft reel (915 m)
760258510	1073A White	Riser GigaREACH XL, white jacket, 1,000 ft reel (305 m)
760259249	1073A White 3kft	Riser GigaREACH XL, white jacket, 3,000 ft reel (915 m)
760258481	1573A Black	Outdoor GigaREACH XL, black jacket, 1,000 ft reel (305 m)
760258679	1573A Black 3kft	Outdoor GigaREACH XL, black jacket, 3,000 ft reel (915 m)
760258513	2073A Blue	Plenum GigaREACH XL, blue jacket, 1,000 ft reel (305 m)
760259925	2073A Blue 3kft	Plenum GigaREACH XL, blue jacket, 3,000 ft reel (915 m)
760258514	2073A White	Plenum GigaREACH XL, white jacket, 1,000 ft reel (305 m)
760259926	2073A White 3kft	Plenum GigaREACH XL, white jacket, 3,000 ft reel (915 m)

GigaREACH® XL (Cat 6) platform

Panels

While the GigaREACH XL system uses unique cabling, it is designed to integrate into existing SYSTIMAX architectures. Compatible SYSTIMAX panels include:

- 1100GS3 panels: Available in various configurations, such as the SYSTIMAX 360 GigaSPEED XL 1100GS3 Evolve 24-port and 48-port models.
- 1100GS6 panels: High-performance panels often used for Cat 6A environments that also support GigaREACH XL deployments.
- VisiPatch 360 panels: Because GigaREACH XL cables utilize the same installation tools and procedures as the standard SYSTIMAX family, they can be terminated on VisiPatch 360 wiring blocks to maintain Category 6 performance levels.
- PATCHMAX GS3 modular panels: These modular kits, like the PM-GS3-24 and PM-GS3-48, offer flexibility for both copper and fiber modules in the same panel.

Cat 6 panels

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Patch cords

GigaREACH XL patch cords are high-performance modular cables designed to work within the CommScope SYSTIMAX GigaREACH XL ecosystem. To achieve its industry-leading extended reach of up to 250 m, the system relies on high-quality connectivity, typically utilizing standard SYSTIMAX GS8E or GS10E series cords.

For four-connector channels, the system supports maximum performance when using up to 10 m of total patch cord length. When used with GS8E/GS10E cords, the system supports 1 Gbps at 150 m, 100 Mbps at 200 m, and 10 Mbps at 250 m. Unlike standard systems, the GigaREACH XL patch cable can also be field terminated at the device using a field-installable RJ45 plug to maximize signal integrity over long runs.

Note: When terminating at a VisiPatch 360 panel, you must use VisiPatch cords to achieve the full benefits of the VisiPatch solution's reverse-patch field technology.

Cat 6 patch cords

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GigaREACH® XL (Cat 6) platform

Information outlets

GigaREACH XL information outlets are high-performance modular jacks designed for extended-distance Ethernet and 90 W PoE transmission. The GigaREACH XL platform does not require a unique “XL-specific” jack; instead, it is fully compatible with existing SYSTIMAX MGS400 and MGS600 information outlets.

Ceiling connector assemblies

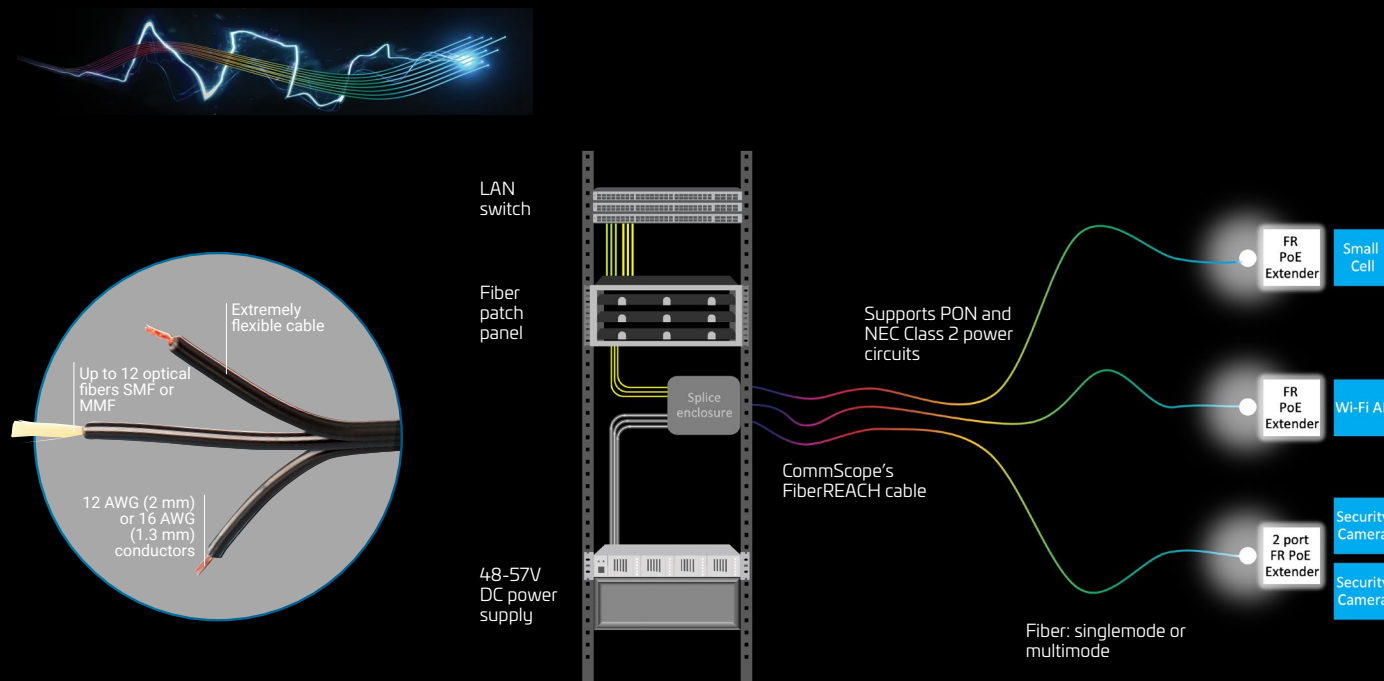
GigaREACH XL ceiling connector assemblies (CCAs) are specialized termination solutions designed to connect extended reach IoT and wireless devices located in ceiling spaces. These assemblies provide a factory-quality RJ45 plug termination that is specifically compatible with the thicker 21 AWG conductors of GigaREACH XL cabling.

While standard CCAs are used for typical Cat 6/6A runs, the GigaREACH XL system requires specific connector kits or assemblies rated for its 21 AWG wire. Compatible kits include the CCA connector kit that supports 26–22 AWG for standard cables and 21 AWG for GigaREACH XL cables and cords. The kit includes a modular jack and a factory-terminated plug to ensure high-performance signal integrity for devices like security cameras and Wi-Fi access points.

[Cat 6 information outlets and CCA](#)

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FiberREACH™ extended reach platform



In today's hyperconnected enterprise, more edge devices are being located farther from the nearest telecom room (TR)—and beyond the 100 m distance limit defined in the PoE cabling standards. Many must also support more power-intensive AI applications, pushing the limits of the latest PoE standards (90 W to the device).

Options exist for extending the reach of your structured cabling beyond 100 m, but none present an especially compelling business case. For example, you could:

- Add an additional TR. It's standards-compliant and could potentially house additional equipment. But it takes up a lot of space, is costly and disruptive to install, and adds failure points and repair costs.
- Add a PoE extender. You'd get twice the channel length—maybe even more by daisy-chaining multiple extenders—but you'd still have PoE bandwidth issues and more failure points.
- Switch from copper to fiber. This would add serious distance and data capacity, but the added cost for optical transmission equipment, media converters and separate power feeds probably isn't worth it.

Allow us to suggest a fourth alternative: SYSTIMAX FiberREACH™ extended distance platform.

Now you can deliver more power and data over longer distances to support AI and IoT edge devices, in-building and across campus—all while simplifying the network, reducing costs and getting the consistent performance of a standards-compliant link.

The FiberREACH platform combines high-performance, low-latency fiber-optic data connectivity with a low-voltage copper DC power connection. This allows you to connect powered remote devices without new conduit, bulky extra cable runs, or certified electricians. More importantly, it enables you to efficiently and easily extend the reach of your structured cabling network.

- Up to 4,600 m (7 W)
- Up to 3,000 m (15 W)
- Up to 1,800 m (30 W)
- Up to 880 m (60 W)
- Up to 350 m (90 W)

The solution consists of a 48.75-volt DC power supply, fiber patch panel and LAN switch that are housed in the telecom room.

FiberREACH™ extended reach platform

FiberREACH cables

The FiberREACH cables—which support PON and NEC Class 2 power—run from the telecom to the devices needing power and data connectivity. A variety of indoor/outdoor and outdoor cables support singlemode and multimode fiber with different fiber and conductor configurations. All FiberREACH cabling is SELV and NEC Class 2 compliant and features a fast “banana peel” style cable access. Cables utilize globally available, proven and inexpensive FTTH-style flat cable hardware. The FiberREACH cables terminate just before the device at either a FiberREACH PoE extender or power extender/fiber pass-through.

Powered fiber cables

Material ID	Description
PFC-302L12	PFC, OM3, 2F, I/O, 12AWG, Meter/D
PFC-302L12F	PFC, OM3, 2F, I/O, 12AWG, Feet/D
PFC-302L16	PFC, OM3, 2F, I/O, 16AWG, Meter/D
PFC-302L16F	PFC, OM3, 2F, I/O, 16AWG, Feet/D
PFC-302O12	PFC, OM3, 2F, outdoor, 12AWG, Meter
PFC-302O12F	PFC, OM3, 2F, outdoor, 12AWG, Feet
PFC-302O16	PFC, OM3, 2F, outdoor, 16AWG, Meter
PFC-302O16F	PFC, OM3, 2F, outdoor, 16AWG, Feet
PFC-304L12	PFC, OM3, 4F, I/O, 12AWG, Meter/D
PFC-304L12F	PFC, OM3, 4F, I/O, 12AWG, Feet/D
PFC-304L16	PFC, OM3, 4F, I/O, 16AWG, Meter/D
PFC-304L16F	PFC, OM3, 4F, I/O, 16AWG, Feet/D
PFC-304O12	PFC, OM3, 4F, outdoor, 12AWG, Meter
PFC-304O12F	PFC, OM3, 4F, outdoor, 12AWG, Feet
PFC-304O16	PFC, OM3, 4F, outdoor, 16AWG, Meter
PFC-304O16F	PFC, OM3, 4F, outdoor, 16AWG, Feet
PFC-S02L12	PFC, SINGLEMODE, 2F, I/O, 12AWG, Meter/D
PFC-S02L12F	PFC, singlemode, 2F, I/O, 12AWG, Feet/D
PFC-S02L16	PFC, singlemode, 2F, I/O, 16AWG, Meter/D
PFC-S02L16F	PFC, singlemode, 2F, I/O, 16AWG, Feet/D
PFC-S02O12	PFC, singlemode, 2F, outdoor, 12AWG, Meter
PFC-S02O12F	PFC, singlemode, 2F, outdoor, 12AWG, Feet
PFC-S02O16	PFC, singlemode, 2F, outdoor, 16AWG, Meter
PFC-S02O16F	PFC, singlemode, 2F, outdoor, 16AWG, Feet
PFC-S04L12	PFC, singlemode, 4F, I/O, 12AWG, Meter/D
PFC-S04L12F	PFC, singlemode, 4F, I/O, 12AWG, Feet/D
PFC-S04L16	PFC, singlemode, 4F, I/O, 16AWG, Meter/D
PFC-S04L16F	PFC, singlemode, 4F, I/O, 16AWG, Feet/D
PFC-S04O12	PFC, singlemode, 4F, outdoor, 12AWG, Meter
PFC-S04O12F	PFC, singlemode, 4F, outdoor, 12AWG, Feet
PFC-S04O16	PFC, singlemode, 4F, outdoor, 16AWG, Meter
PFC-S04O16F	PFC, singlemode, 4F, outdoor, 16AWG, Feet
PFC-S12L12	PFC, singlemode, 12F, I/O, 12AWG, Meter/D
PFC-S12L12F	PFC, singlemode, 12F, I/O, 12AWG, Feet/D
PFC-S12L16	PFC, singlemode, 12F, I/O, 16AWG, Meter/D
PFC-S12L16F	PFC, singlemode, 12F, I/O, 16AWG, Feet/D
PFC-S12O12	PFC, singlemode, 12F, outdoor, 12AWG, Meter
PFC-S12O12F	PFC, singlemode, 12F, outdoor, 12AWG, Feet
PFC-S12O16	PFC, singlemode, 12F, outdoor, 16AWG, Meter
PFC-S12O16F	PFC, singlemode, 12F, outdoor, 16AWG, Feet



Indoor/outdoor cable to be used in indoor or dry outdoor environments. Indoor/outdoor cables cannot be used below grade or otherwise exposed to moisture or liquids.

FiberREACH™ extended reach platform

PoE extenders

The patented PoE extenders integrate voltage regulation, Ethernet, and a splice tray in a single enclosure designed for use with hybrid cable. It's ideal for emerging applications such as multiple-lens and IR cameras, plus AI and IoT network edge architectures.

1 and 2 port extenders

Material ID	Description
PFU-P-C-O-060-02	60W, 2 Port PoE Extender*
PFU-P-C-O-060-01	60W, 1 port PoE Extender



Power extenders/fiber pass-throughs

These compact components enable you to support devices requiring direct fiber input and DC power. They provide the same power management and electrical protection benefits as the PoE extenders. With an IP68 seal rating, they are designed for outdoor installations with protection from moisture and the environment.

Powerextenders/fiber pass-through

Material ID	Description
PFU-48-C-O-060-01	Power Extender, Universal Mount, Outdoor, 48 Vdc, Fiber Pass Through
PFU-12-C-O-060-01	Power Extender, Universal Mount, Outdoor, 12 Vdc, Fiber Pass Through
PFU-P-C-O-060-02	PoE Extender, 2 Port Universal Mount, Outdoor, 2-Port
PFU-P-C-O-090-02	PoE Extender, 2 Port Universal Mount, Outdoor, 90 W



Surface-mount boxes

A variety of surface-mount boxes are available that support structured cable labeling and administration. Designed to protect the FiberREACH cable and connections, these boxes provide a clean end point for terminating new indoor FiberREACH cables. Surface-mount boxes also support multi-gig Wi-Fi access points as well as new and existing FiberREACH cables.

Surface-mount boxes

Material ID	Description
760248944	Kit, SMB, 1 Fiber Port, 1 Power Port, Beige
760248943	Kit, SMB, 1 Fiber Port, 1 Power Port, White
760248942	Kit, SMB, 1 Fiber Port, 1 Power Port, Black
760249095	Kit, SMB, 2 Fiber Ports, 2 Power Ports, Beige
760249094	Kit, SMB, 2 Fiber Ports, 2 Power Ports, White
760249093	Kit, SMB, 2 Fiber Ports, 2 Power Ports, Black

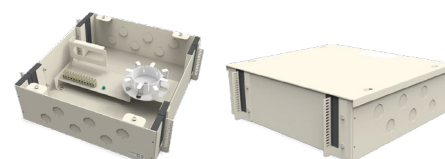


Plenum transition box for powered fiber cable

These plenum-rated enclosures provide easy and secure transition points for indoor to outdoor FiberREACH cables. They can also be used to terminate permanent link FiberREACH cables for future end-device installations. The inside interface features six fiber LC ports and six two-wire terminals, and it has a six-channel capacity. Plenum transition boxes feature 100 W per channel (NEC Class 2) of input and an input voltage of 30 volts AC | 60 volts DC per channel. They comply with safety standards UL2043, UL1863, UL62360 and CE.

Plenum powered fiber cable transition box

Material ID	Description
760250853	PFC Transition Box, Plenum rated, cool gray



Constellation® building edge infrastructure

10X more power.
5X longer distances.
85% less space.

The ability to deliver 100 W over 100 m isn't good enough anymore. Today's enterprise network managers are responsible for building the networks that will power tomorrow's Web 4.0 and 5.0 applications. That means supporting billions of high-powered, connected devices at the network edge—farther from existing power sources.

Network managers need better tools to move bulk power to locations without the need to add a new intermediate distribution field (IDF) or wiring closet or even to have alternating current (AC) power installed. The number of edge devices and their power requirements are rapidly increasing, threatening to outstrip the budgets and skilled labor needed to design, deploy and manage them.

The SYSTIMAX Constellation® building edge infrastructure is a unified power/data platform that takes advantage of fault-managed power, powered fiber cable and radically simplified architecture to enable tomorrow's device-dense, edge-based applications, inside buildings and across campuses.

The Constellation platform combines configurable powered fiber cabling and compact convergence points, known as Constellation Stars, in an easy-to-deploy star topology. The design enables facility and network managers to quickly and easily extend their networks, delivering 1,800 W of power up to 250 m, 1,000 W up to 500 m, and 700 W up to one km from the main equipment room (MER).

Each Constellation Star hub is a mini telecom room (TR) that can be deployed in the ceiling, walls, racks or outside. This



eliminates the need for a TR or IDF on every floor and it enables you to consolidate and centralize your UPS equipment.

The Constellation platform supports converged and segmented networks, AC and DC, and IT/OT applications. Its modular, flexible design makes it ideal for use cases like high-end Wi-Fi/DAS access points, IoT edge devices, UPS centralization and multitenant applications.

Replacing TRs or IDFs with compact Constellation Star hubs can reduce the network's real estate requirements by up to 80%. By reducing the amount of equipment, copper and energy requirements, the Constellation solution also provides a more responsible and sustainable long-term solution.

The Constellation platform consists of power management and fiber patching equipment, hybrid powered fiber cable, Constellation Star hubs, and cable assemblies and patch cords.

Constellation® building edge infrastructure

Equipment room hardware

The MER or distribution field houses the Constellation platform's power transmitter and transition panel and fiber patch panel. A compact rack-mounted power transmitter delivers up to 12 kilowatts of fault-managed power to the power transition panel. The power transition panel steps down the power feed from higher to lower gauge conductors. A modular SYSTIMAX Propel fiber panel terminates the fiber cabling.

Constellation® solution

Material ID	Product number	Description
760258034	CPCR-1 SN	Constellation rack mount receiver, single FMP input, 110 V AC
760258035	CPCR-1 SI	Constellation rack mount receiver, single FMP input, 220-230 V AC
760258036	CPCR-1 DN	Constellation rack mount receiver, dual FMP input, 110 V AC
760258037	CPCR-1 DI	Constellation rack mount receiver, dual FMP input, 220-230 V AC
760252854	CPCE-1	Constellation Enclosure, secure equipment enclosure providing 5RU of 19 inch rack space as well as 0RU accommodations for Propel and G2 modules
760252855	CPCB-1	Constellation Powered Backplane power conditioning component mounted to the CPCB-1 manages the transition from fault-managed power delivered via hybrid powered fiber cable to 1 kW of conventional power with power service outlets in 110 VAC, 48 VDC, and 24 VDC form
760254285	CPCX-12	Constellation Power Transmitter Chassis, capable of energizing up to 10 enclosures with management module that provides remote access/monitoring/ control of the Constellation power delivery system
760254288	CTX-6	Constellation Transmitter Card, 600 W, fault managed power delivery card interface between the CPCX-12 and the power delivery cabling. Up to 24 can be loaded into the CPCX-12
760254294	CTX-CBL-10	Constellation Power Interconnection Lead connecting CTX-6 and the Power Transition Panel
760254293	CPT-PP-48C	Constellation Power Transition Panel, with 48 color coded terminal blocks providing a transition point from 20 AWG to 16 AWG cabling, 19 in, 2RU
760254287	CPM-3K	Constellation Transmitter Power Module, 3 kW module that provides the CPCX-12 with up to 12 kW of capacity
760254290	CABLE-PWR-SAFD-L620P	Constellation Power Supply Cord, AC, Saf-D-Grid® to L620P power cable
760254642	PM500-COVER	Constellation optional blanking cover for unused power supply bays in CPCX-12
760254286	CTX-MGT	Management module containing pre-loaded graphical user interface software and Ethernet interface used by the administrator



Constellation rack-mount receiver
[760258036](#)



Constellation rack-mount receiver
[760258037](#)



Constellation enclosure
[760252854](#)

Constellation® building edge infrastructure

Hybrid powered fiber cabling

In the MER or distribution field, the power and fiber feeds are merged onto a CommScope-patented hybrid powered fiber trunk cable that delivers power via 16-AWG twisted-pair conductors—two-pair or four-pair. Data is transported on high-capacity, singlemode, eight- or 16-fiber cables. This configuration enables power and data to be delivered up to 500 m from the MER/distribution field to Constellation Stars located in coverage zones throughout the building.

Cable

Material ID	Product number	Description
760261723	Z-016-HY-8G1-F54BK/4X16AWG/CTX	Indoor LSZH Constellation Cable, 2 pair 16 AWG, 16 OS2 SM fibers**
760261724	Z-016-HY-8G1-F54BK/8X16AWG/CTX	Indoor LSZH Constellation Cable, 4 pair 16 AWG, 16 OS2 SM fibers**
760261709	R-016-HY-8G1-F30YL/4X16AWG/CTX	I/O Riser Constellation Cable, 2 pair 16 AWG, 16 OS2 SM fibers*
760261708	R-016-HY-8G1-F54BK/8X16AWG/CTX	I/O Riser Constellation Cable, 4 pair 16 AWG, 16 OS2 SM fibers*
760255004	P-016-HY-8G-F30YL/4X16AWG/CTX	Constellation Plenum Hybrid Fault Managed Power Cable, 16 Fiber Loose Tube, 4 Conductor 16 AWG Twisted Pairs
760255005	P-016-HY-8G1-F30YL/8X16AWG/CTX	Constellation Plenum Hybrid Fault Managed Power Cable, 16 Fiber Loose Tube, 8 Conductor 16 AWG Twisted Pairs

Constellation Star hubs

At the heart of the Constellation solution is the Constellation Star hub, a compact distribution node that can be installed in the ceiling, walls or outdoors for quick and easy access and manageability. Simplifying the electrical specs, each Constellation Star hub supports up to 50 connected devices with 1 kW of power—110 or 220 AC, 48 V and 24 V DC—and up to 16 fiber strands.

Multiple service outlets power PoE access layer switches, building automation controllers, DAS fiber and other high-power devices like night vision cameras, Wi-Fi 6/6E and Wi-Fi 7 access points, DAS/small cell systems and more.

The new wall- or rack-mounted Constellation receiver offers redundant paths for both power and data. Critical applications such as emergency services and alarms benefit from using dual paths for redundancy and resiliency. New, rounded Category 6/6A cables are CPR rated for international markets and are plenum rated for North American markets, making the Constellation platform a truly global solution.

Constellation® solution—Star hub

Material ID	Product number	Description
760258034	CPCR-1 SN	Constellation rack mount receiver, single FMP input, 110 V AC
760258035	CPCR-1 SI	Constellation rack mount receiver, single FMP input, 220-230 V AC
760258036	CPCR-1 DN	Constellation rack mount receiver, dual FMP input, 110 V AC
760258037	CPCR-1 DI	Constellation rack mount receiver, dual FMP input, 220-230 V AC

Constellation® cable assemblies and patch cords

Short runs of preterminated Cat 6 or 6A cabling supply power and data from each Constellation Star hub to devices in the coverage zone. Cables are available for indoor LSZH and indoor/outdoor riser applications.

Constellation cable assemblies

Material ID	
UGGRXRXYR	MPO16 (pinned) to MPO16 (pinned), 2 pair 16AWG
UGGRXUCYR	MPO16 (pinned) to Unconnectorized, 2 pair 16AWG
UGGRXRZXR	MPO16 (pinned) to MPO16 (pinned), 4 pair 16AWG
UGGRXUCZR	MPO16 (pinned) to Unconnectorized, 4 pair 16AWG
UGGQXQXY8	MPO8 (pinned) to MPO8 (pinned), 2 pair AWG
UGGQXUCY8	MPO8 (pinned) to unconnectorized, 2 pair AWG
UGGQXQXZ8	MPO8 (pinned) to MPO8 (pinned), 4 pair AWG
UGGQXUCZ8	MPO8 (pinned) to unconnectorized, 4 pair AWG

Unit of measure	
F	Foot
M	Meter

Length	
XXX	2 Pair parameters: 033-492 (in feet) / 10-150 (in meters)
XXX	4 Pair parameters: 033-999 (in feet) / 10-500 (in meters)

NOTE: Use dimension parameters for 2 Pair or 4 Pair. Replace XXX with numeric values in feet or meters. Example: 45 feet = 045

Propel® panels

Material ID	Product number	Description
760252002	PPL-1U	Propel 1RU sliding panel
760252003	PPL-2U	Propel 2RU sliding panel
760252004	PPL-4U	Propel 4RU sliding panel

Propel® modules

Material ID	Product number	Description
760252352	PPL-DM-16AU-16LC-SM-BEU	Propel ULL Singlemode MPO-16 Distribution Module, 8 duplex LC/UPC to 1x16f MPO/APC non-pinned, Method B Enhanced
760252334	PPL-DM-8AU-8LC-SM-BEU	Propel ULL Singlemode MPO-08 Distribution Module, 4 duplex LC/UPC to 1x8f MPO/APC non-pinned, Method B Enhanced

GigaSPEED X10D® 360GS10E modular patch cords

Material ID	
CPCSSX2	360GS10E Solid Cordage
CPCSSY2	360GS10E Solid Plenum Cordage
CPCS4X	360GS10E Single-ended Solid Cordage
CO199K2	360GS10E Single-ended Solid Cordage

Length	
XXX	1-100 (in feet) / 1-30 (in meters)

NOTE: Replace XXX with numeric values in feet or meters. Example: 45 feet = 045

Unit of measure	
F	Foot
M	Meter

Cord color options (below) are limited as follows:

CPCSSX2: 1, 2, 3, 4, 6, 7, 8, 9, B, C, K, L, Z

CPCSSY2: 1, 4, 6, 7, 8, 9, C, M, Z

CPCS4X2: 1, 2, 3, 4, 6, 7, 8, 9, B, C, L, Z

CO199K2: 1, 2, 3, 4, 7, 8, 9, K, L, Z

Cord color					
1	Black	7	Red	K	Pink
2	Light Blue	8	White	L	Violet
3	Dark gray	9	Yellow	M	Green
4	Spring Green	B	Lilac	Z	Blue
6	Orange	C	Gray		



4 Network intelligence

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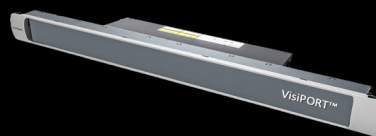


SYSTIMAX VisiPORT™ solution

Stand-alone hardware solution for automated port monitoring to provide real-time port status and capacity information without external software



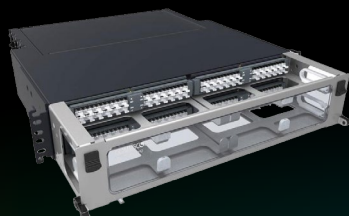
Intelligent patch panels



VisiPORT controller

imVision® AIM solution

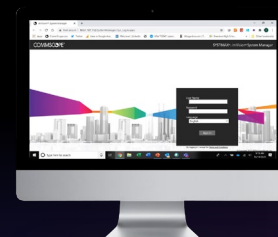
Integrated hardware and software automated infrastructure management (AIM) solution for documenting and managing network cable infrastructure.



Intelligent patch panels



ImVision Controller X



System Manager Software

SYSTIMAX VisiPORT™ solution

- Automate equipment
- Enhance visibility
- Stay informed



As gateways to the network, your panel ports have much to say about your infrastructure's operational capabilities, security and readiness. As fiber density, device connectivity and application demands increase, you need to know what they're telling you. That's why CommScope developed the SYSTIMAX VisiPORT™ solution.

The VisiPORT platform is a fast-deploying, stand-alone solution that monitors the status and capacity of all copper and fiber ports in real time. Intelligent panels with integrated sensors automatically detect port activity, alerting users to issues such as insufficient capacity, unauthorized patching, device availability and more.

The ability to visualize the number, type and location of all patch panels enables you to accelerate and improve infrastructure management. The VisiPORT solution automatically documents all port activity, eliminating the need for manual tracking/auditing and potential input errors. With automated email notifications and remote-controlled port LEDs, managers can alert and quickly guide onsite techs to ports needing attention.

With the real-time, port-level monitoring of the VisiPORT system, you can:

- **Automatically identify connectivity equipment**, including the number of racks, panels in a rack, and type and number of ports in a panel.
- **Enhance visibility and improve workflows** by integrating with external applications like DCIM, cabling management, dashboards and network monitoring systems.
- **Stay informed on panel port activities and capacity limits** with prompt notifications and real-time updates for RJ45-, LC- and MPO-based connections.

And because the VisiPORT platform is fully compatible with CommScope imVision, the industry-leading automated infrastructure management (AIM) solution, you can seamlessly upgrade when the time is right and begin documenting, monitoring and managing your entire network connectivity infrastructure.

The core components of the VisiPORT platform are intelligent copper and fiber panels and the VisiPORT XE controller.



VisiPORT controller



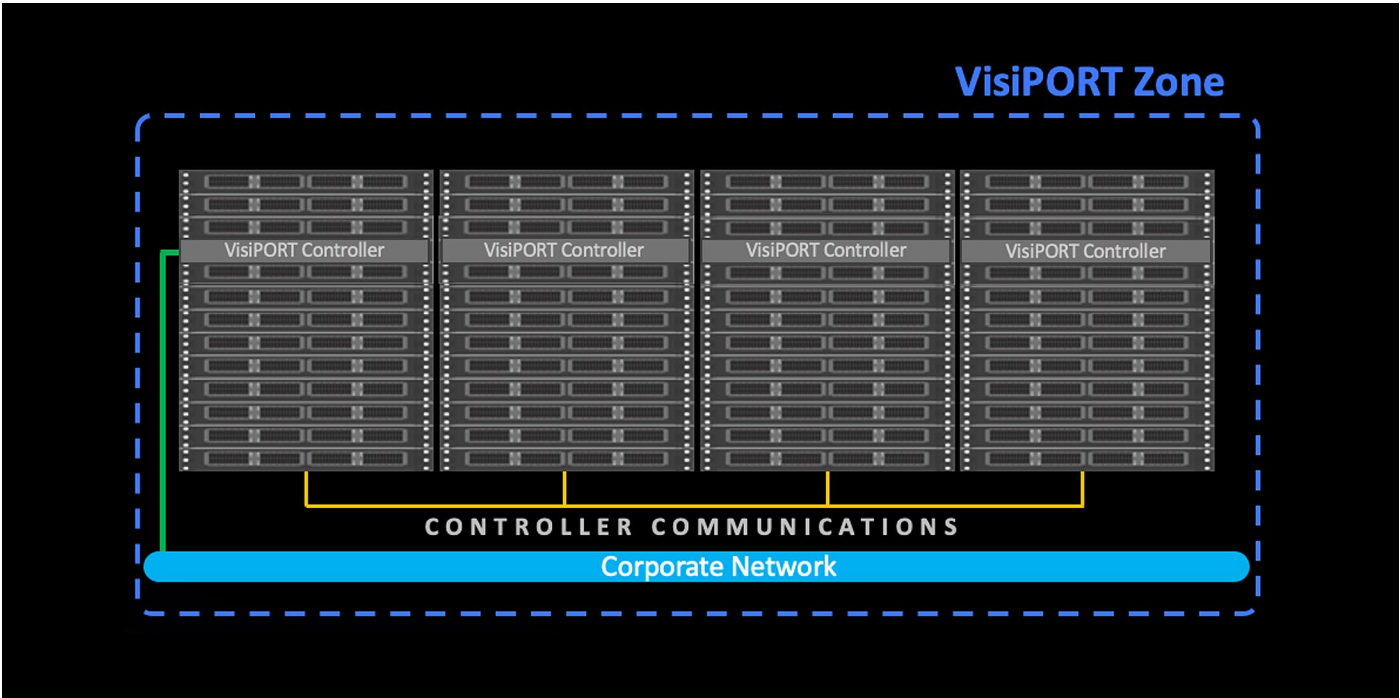
Intelligent fiber panels



Intelligent copper panels

SYSTIMAX VisiPORT™ solution

VisiPORT System Architecture diagram

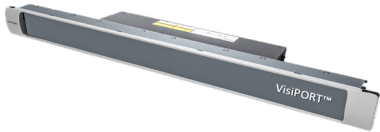


VisiPORT controller

The VisiPORT controller is a 1RU stand-alone unit. If the VisiPORT panels are the system's eyes and ears, then the controller is the brain. It converts input from the panels and sensors into visual and actionable information that can be viewed in pre-configured, browser-based dashboards. It monitors port status, capacity, and patching activities and can send notifications for critical events, such as unauthorized patching, suspicious connectivity changes, or ports that are nearing their capacity thresholds. Managers can also use the VisiPORT controller to remotely activate port LEDs on the intelligent panels to guide onsite technicians to specific ports for maintenance or patching changes.

Controller

Material ID	Product number	Description
760258085	VisiPORT Controller	VisiPORT Controller
760237879	imV-CNTRL-RK-XT	Rack Extender Kit



imVision® AIM solution

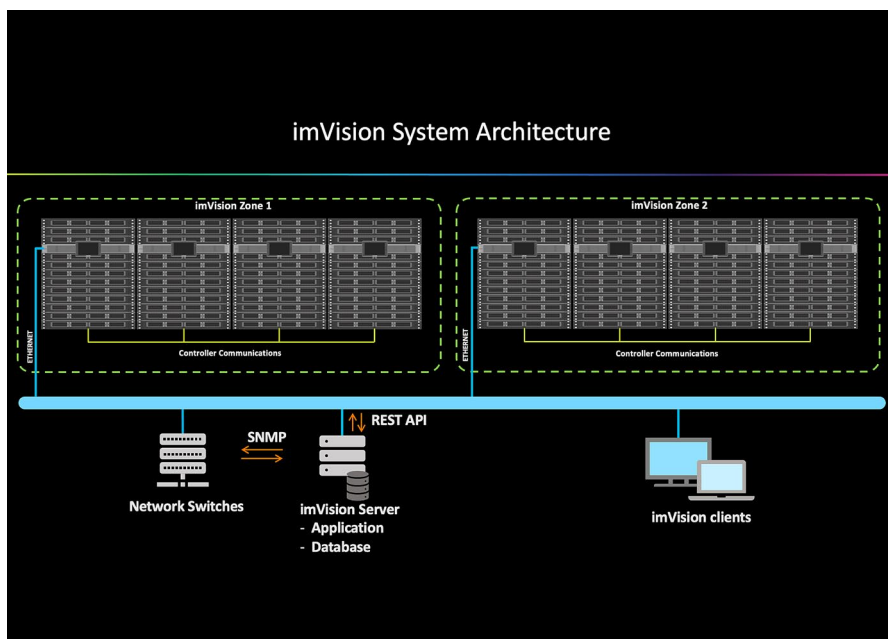
- Optimized capacity
- Optimized availability
- Optimized efficiency



Data is the lifeblood of your enterprise. To keep it flowing efficiently and freely, you need to make business-critical decisions based on information—not assumptions.

imVision automated infrastructure management (AIM) solution provides the visibility and insight to manage your network's connectivity with confidence. It delivers actionable insights and granular visibility into your network's complex physical layer and the myriad devices connected to it. Now you can see exactly what you have, how different pieces interact, and where you can capitalize on new optimization opportunities.

- **Optimized capacity:** The imVision solution tracks utilization of panels, cabling and switch ports—providing real-time usage data and improving network planning. It helps you address capacity challenges without massive investments in additional infrastructure and get more from your existing infrastructure.
- **Optimized availability:** imVision reduces time-intensive manual processes to help minimize human error and network downtime. Visibility into end-to-end circuits means all changes are automatically fully documented. And, in the event of a network failure, a root cause analysis can be quickly established to help you get back online fast.
- **Optimized efficiency:** Real-time management of the physical layer enables stranded ports to be identified and repurposed rather than remaining idle while continuing to consume power. It also optimizes server deployment and commissioning.



imVision® AIM solution

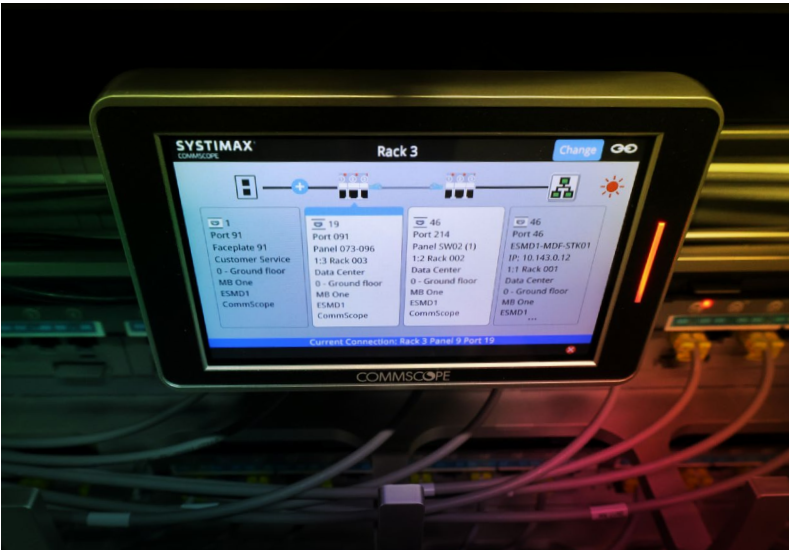
imVision controller

The imVision controller acts as the imVision system’s gateway, delivering the real-time information needed to take precise control over network processes. The controller simplifies the oversight of network connectivity changes by displaying the work orders generated by the imVision System Manager software.

The controller is equipped with an intuitive capacitive touchscreen. It delivers granular detail far beyond what is possible with traditional port or cord labels.

imVision Controller X features:

- 5-in (12.7 cm) diagonal multicolor touchscreen with LED activity
- Compatibility with SYSTIMAX 360 imVision controllers
- Integrated and adjustable horizontal cable management
- Display that slides up/down for easy access to cords in tight spaces
- USB-attached display
- Dual power inputs for redundancy



SYSTIMAX imVision® controller

Material ID	Product number	Description
760237876	imV-CNTRL-X	imVision Controller X
760237879	imV-CNTRL-RK-XT	Rack Extender Kit



imVision® AIM solution

imVision System Manager

imVision System Manager software allows you to document and monitor your infrastructure through a standard web browser, providing you with comprehensive insights about the configuration of your physical infrastructure.

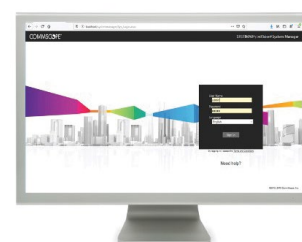
The software provides you with a complete view of your physical infrastructure—revealing scheduling and tracking changes to panels, faceplates, network equipment and other IP devices. It recommends optimal connections, initiates guided patching jobs, tracks the status of each work order, and can alert an operations manager if a job is not completed on schedule.

Upon job completion, it automatically enables the switch ports, ensuring that service is granted only to authorized users. When new connections are made, System Manager remotely traces the complete path from an end device (server, workstation, IP phone or printer) to the service-providing port on a switch.

System Manager tracks all devices—even those operating wirelessly—as they move about a network. For services requiring PoE, the software can integrate with PoE devices, verifying that power is available to a connection. Making sense of data and information, imVision System Manager continually monitors and communicates with your network's physical infrastructure, collecting and assessing multiple data points in delivering the information needed to maintain, document and enhance the entire network.

imVision software

Material ID	Product number	Description
760165621	im-SYS-MGR-ENT-1K (SW)	imVision System Manager Enterprise 1000
760111187	im-SYS-MGR-ENT-2K (SW)	imVision System Manager Enterprise 2000
760165639	im-SYS-MGR-ENT-5K (SW)	imVision System Manager Enterprise 5000
760111195	im-SYS-MGR-ENT-10K (SW)	imVision System Manager Enterprise 10000
760090068	im-SYS-MGR-ENT-UNL (SW)	imVision System Manager Enterprise Unlimited
760219618	im-SYS-MGR-ENT- STA	imVision System Manager -Stand Alone
760165514	im-UP-SYSMGR-1K-2K (SW)	imVision Upgrade System Manager Enterprise 1000–2000
760165522	im-UP-SYSMGR-1K-5K (SW)	imVision Upgrade System Manager Enterprise 1000–5000
760165530	im-UP-SYSMGR-1K-10K (SW)	imVision Upgrade System Manager Enterprise 1000–10000
760165548	im-UP-SYSMGR-1K-UNL (SW)	imVision Upgrade System Manager Enterprise 1000–Unlimited
760165555	im-UP-SYSMGR-2K-5K (SW)	imVision Upgrade System Manager Enterprise 2000–5000
760111203	im-UP-SYSMGR-2K-10K (SW)	imVision Upgrade System Manager Enterprise 2000–10000
760111211	im-UP-SYSMGR-2K-UNL (SW)	imVision Upgrade System Manager Enterprise 2000–Unlimited
760165563	im-UP-SYSMGR-5K-10K (SW)	imVision Upgrade System Manager Enterprise 5000–10000
760165571	im-UP-SYSMGR-5K-UNL (SW)	imVision Upgrade System Manager Enterprise 5000–Unlimited
760111229	im-UP-SYSMGR-10K-UNL (SW)	imVision Upgrade System Manager Enterprise 10000–Unlimited



Intelligent panels

Intelligent VisiPORT/imVision panels serve as the eyes and ears of the systems. The specialized copper and fiber panels use integrated sensors that automatically detect the insertion or removal of any plug, allowing for automated port monitoring without the need for manual tracking or specialized “smart” patch cords. The built-in port sensors are compatible with standard patch cords, and the panels are available in a wide variety of configurations to fit standard 19-in racks.

Many of the copper panels and fiber shelves are intelligence-ready, able to support the stand-alone VisiPORT/imVision systems today and be fully integrated into a comprehensive VisiPORT/imVision AIM system later if the management software is added.

Intelligent copper panels

The VisiPORT/imVision platforms uses SYSTIMAX 360 intelligent and intelligent-ready copper panels, including:

- GigaSPEED X10D panels, available in 24-port (1U) and 48-port (2U) versions for shielded and unshielded Category 6A applications.
- GigaSPEED XL panels, available in 24-port and 48-port panel Category 6 applications.
- Intelligent PATCHMAX panels for high-flexibility environments.

Intelligent copper panels

Material ID	Product number	Description
760201137	360-iP-1100-E-GS3-1U-24	360 Intelligent 1100 GS3 Evolve 24P Panel
760201111	360-iP-1100-E-GS3-2U-48	360 Intelligent 1100 GS3 Evolve 48P Panel
760201145	360-iP-1100-E-GS6-1U-24	360 Intelligent 1100 GS6 Evolve 24P Panel
760201129	360-iP-1100-E-GS6-2U-48	360 Intelligent 1100 GS6 Evolve 48P Panel

760202531	360-iP-1100A-E-GS3-1U-24	360 Intelligent 1100 Angled GS3 Evolve 24 Port Panel
760202549	360-iP-1100A-E-GS3-2U-48	360 Intelligent 1100 Angled GS3 Evolve 48 Port Panel
760202556	360-iP-1100A-E-GS6-1U-24	360 Intelligent 1100 Angled GS6 Evolve 24 Port Panel
760202572	360-iP-1100A-E-GS6-2U-48	360 Intelligent 1100 Angled GS6 Evolve 48 Port Panel

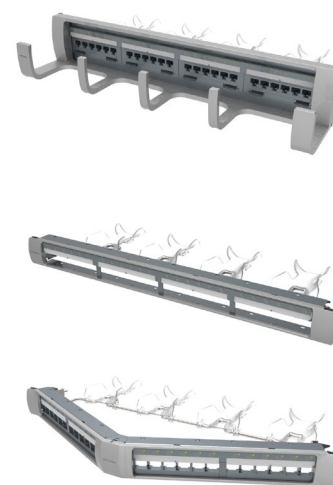
Panels with 24 jacks included in the kit		
760259242	360-IP-SMOD-6A-1U-24	SYSTIMAX 360™ Intelligent Shielded Modular Panel, Cat 6A, 1U, 24 port, Silver
760259243	360-IP-SMOD-A-6A-1U-24	SYSTIMAX 360™ Intelligent Shielded Angled Modular Panel, Cat 6A, 1U, 24 port, Silver
Empty panels for InstaPATCH pre-terminated solutions		
760259244	360-IP-SMOD-1U-24	SYSTIMAX 360™ Intelligent Shielded Modular Panel, Empty, 1U, 24 port, Silver
760259245	360-IP-SMOD-A-1U-24	SYSTIMAX 360™ Intelligent Shielded Angled Modular Panel, Empty, 1U, 24 port, Silver



Intelligent panels

Intelligent copper panels (continued)

Material ID	Product number	Description
760201244	360-iP-PMAX-GS3-24	360 Intelligent PATCHMAX GS3 24P Panel
760201210	360-iP-PMAX-GS3-48	360 Intelligent PATCHMAX GS3 48P Panel
760201269	360-iP-PMAX-GS6-24	360 Intelligent PATCHMAX GS6 24P Panel
760201236	360-iP-PMAX-GS6-48	360 Intelligent PATCHMAX GS6 48P Panel
760073866	iP-M4200i-24	Intelligent M4200i 24P UTP, Blank
760201152	360-iP-1100-E-1U-BLANK	360 Intelligent 1100 Evolve 24P, Blank
760201160	360-iP-1100-E-2U-BLANK	360 Intelligent 1100 Evolve 48P, Blank
760202598	360-iP-1100A-E-1U-BLANK	360 Intelligent 1100 Angled Evolve 24P, Blank
760202606	360-iP-1100A-E-2U-BLANK	360 Intelligent 1100 Angled Evolve 48P, Blank



Intelligent copper upgrade kits

CommScope VisiPORT/imVision upgrade kits allow you to convert standard SYSTIMAX 360 copper patch panels into “intelligent” components. These kits enable AIM by adding real-time monitoring and documentation capabilities without requiring a full rip-and-replace of your existing cabling.

Available upgrade kit types include:

- Designed for RJ45 patch panels, these kits add intelligence to 24-port or 48-port copper panels.
- System Manager upgrades: Software-based licenses that expand the capacity of the imVision System Manager (e.g., upgrading from 5,000 to 10,000 managed ports).

Intelligent copper upgrade kits

Material ID	Product number	Description
760198747	360-iP-UP-KIT-E-24	360 Intelligent Upg Kit Evolve 24P 10pk
760198754	360-iP-UP-KIT-E+PMAX-48	360 Intelligent Upg Kit Evolve & PM 48P 5pk
760198762	360-iP-UP-KIT-PMAX-2U-24	360 Intelligent Upg Kit PMax 2U 24P 10pk
760202630	360-iP-UP-KIT-AE-2	360 Intelligent Upg Kit Angled Evolve 24P 10pk
760202648	360-iP-UP-KIT-AE-48	360 Intelligent Upg Kit Angled Evolve 48P 5pk



Intelligent panels

Intelligent fiber panels

For fiber applications, the VisiPORT/imVision portfolio system uses SYSTIMAX 360 G2, high-density and ultra-high-density fiber shelves that support LC, SC, and MPO connectivity. They include:

- **SYSTIMAX 360 intelligent G2** fiber shelves
- **SYSTIMAX 360 ultra-density (UD)** fiber shelves
- **SYSTIMAX 360 high-density (HD)** 1U shelves that accommodate InstaPATCH 360 modules, supporting up to 144 fiber connections per RU
- **SYSTIMAX intelligent HD and UD** fiber panels designed for large-scale data center environments

VisiPORT-ready fiber shelves utilize the full range of SYSTIMAX 360 and intelligent modules and cassettes.

Intelligent HD fiber panels

Material ID	Product number	Description
760217414	HD-iP-1U-96F-LC-DM-LS-SD	HD Intelligent 1U 96F-LC Distribution Module, OM4, Sliding Shelf
760217422	HD-iP-1U-96F-LC-DM-TS-SD	HD Intelligent 1U 96F-LC Distribution Module, Singlemode, Sliding Shelf
760217448	HD-iP-2U-192F-LC-DM-LS-SD	HD Intelligent 2U 192F-LC Distribution Module, OM4, Sliding Shelf
760217455	HD-iP-2U-192F-LC-DM-TS-SD	HD Intelligent 2U 192F-LC Distribution Module, Singlemode, Sliding Shelf
760218396	HD-iP-1U-48F-LC-DM-LS-SD	HD Intelligent 1U 48F-LC Distribution Module, OM4, Sliding Shelf
760218404	HD-iP-1U-48F-LC-DM-TS-SD	HD Intelligent 1U 48F-LC Distribution Module, Singlemode, Sliding Shelf
760218420	HD-iP-2U-96F-LC-DM-LS-SD	HD Intelligent 2U 96F-LC Distribution Module, OM4, Sliding Shelf
760218438	HD-iP-2U-96F-LC-DM-TS-SD	HD Intelligent 2U 96F-LC Distribution Module, Singlemode, Sliding Shelf
760217463	HD-iP-1U-32-MPO-DP-SD	HD Intelligent 1U 32-MPO Distribution Panel, Sliding Shelf
760217471	HD-iP-2U-64-MPO-DP-SD	HD Intelligent 2U 64-MPO Distribution Panel, Sliding Shelf
760236401	HD-iP-1U-96F-LC-DM08-ULL-LS-SD	HD Intelligent 1U 96F-LC Distribution MPO08 ULL Module, OM4, Sliding Shelf
760236400	HD-iP-1U-96F-LC-DM08-ULL-WB-SD	HD Intelligent 1U 96F-LC Distribution MPO08 ULL Module, OM5, Sliding Shelf
760236405	HD-iP-1U-96F-LC-DM12-ULL-LS-SD	HD Intelligent 1U 96F-LC Distribution MPO12 ULL Module, OM4, Sliding Shelf
760236404	HD-iP-1U-96F-LC-DM12-ULL-WB-SD	HD Intelligent 1U 96F-LC Distribution MPO12 ULL Module, OM5, Sliding Shelf
760236409	HD-iP-1U-96F-LC-DM24-ULL-LS-SD	HD Intelligent 1U 96F-LC Distribution MPO24 ULL Module, OM4, Sliding Shelf
760236408	HD-iP-1U-96F-LC-DM24-ULL-WB-SD	HD Intelligent 1U 96F-LC Distribution MPO24 ULL Module, OM5, Sliding Shelf
760236403	HD-iP-2U-192F-LC-DM08-ULL-LS-SD	HD Intelligent 2U 192F-LC Distribution MPO08 ULL Module, OM4, Sliding Shelf
760236402	HD-iP-2U-192F-LC-DM08-ULL-WB-SD	HD Intelligent 2U 192F-LC Distribution MPO08 ULL Module, OM5, Sliding Shelf
760236407	HD-iP-2U-192F-LC-DM12-ULL-LS-SD	HD Intelligent 2U 192F-LC Distribution MPO12 ULL Module, OM4, Sliding Shelf
760236406	HD-iP-2U-192F-LC-DM12-ULL-WB-SD	HD Intelligent 2U 192F-LC Distribution MPO12 ULL Module, OM5, Sliding Shelf
760236411	HD-iP-2U-192F-LC-DM24-ULL-LS-SD	HD Intelligent 2U 192F-LC Distribution MPO24 ULL Module, OM4, Sliding Shelf
760236410	HD-iP-2U-192F-LC-DM24-ULL-WB-SD	HD Intelligent 2U 192F-LC Distribution MPO24 ULL Module, OM5, Sliding Shelf

(continued)

Intelligent panels

Intelligent fiber panels

Intelligent HD fiber panels (continued)

Material ID	Product number	Description
760237316	HD-iP-4U-192F-LC-DM-LS-SD	HD Intelligent 4U 192F-LC Distribution Module, OM4, Sliding Shelf
760237317	HD-iP-4U-192F-LC-DM-TS-SD	HD Intelligent 4U 192F-LC Distribution Module, Singlemode, Sliding Shelf
760237318	HD-iP-4U-384F-LC-DM-LS-SD	HD Intelligent 4U 384F-LC Distribution Module, OM4, Sliding Shelf
760237319	HD-iP-4U-384F-LC-DM-TS-SD	HD Intelligent 4U 384F-LC Distribution Module, Singlemode, Sliding Shelf
760237320	HD-iP-4U-384F-LC-DM-WB-SD	HD Intelligent 4U 384F-LC Distribution Module, OM5, Sliding Shelf
760237321	HD-iP-4U-384F-LC-DM08-ULL-LS-SD	HD Intelligent 4U 384F-LC Distribution MPO08 ULL Module, OM4, Sliding Shelf
760237322	HD-iP-4U-384F-LC-DM08-ULL-WB-SD	HD Intelligent 4U 384F-LC Distribution MPO08 ULL Module, OM5, Sliding Shelf
760237323	HD-iP-4U-384F-LC-DM12-ULL-LS-SD	HD Intelligent 4U 384F-LC Distribution MPO12 ULL Module, OM4, Sliding Shelf
760237324	HD-iP-4U-384F-LC-DM12-ULL-WB-SD	HD Intelligent 4U 384F-LC Distribution MPO12 ULL Module, OM5, Sliding Shelf
760237325	HD-iP-4U-384F-LC-DM24-ULL-LS-SD	HD Intelligent 4U 384F-LC Distribution MPO24 ULL Module, OM4, Sliding Shelf
760237326	HD-iP-4U-384F-LC-DM24-ULL-WB-SD	HD Intelligent 4U 384F-LC Distribution MPO24 ULL Module, OM5, Sliding Shelf
760237327	HD-iP-4U-128-MPO-DP-SD	HD Intelligent 4U 128-MPO Distribution Panel, Sliding Shelf
760237332	HD-iP-4U-384F-LC-DM-LS-FX	HD Intelligent 4U 384F-LC Distribution Module, OM4, Fixed Shelf
760237333	HD-iP-4U-384F-LC-DM-TS-FX	HD Intelligent 4U 384F-LC Distribution Module, Singlemode, Fixed Shelf
760237334	HD-iP-4U-384F-LC-DM-WB-FX	HD Intelligent 4U 384F-LC Distribution Module, OM5, Fixed Shelf
760237335	HD-iP-4U-384F-LC-DM08-ULL-LS-FX	HD Intelligent 4U 384F-LC Distribution MPO08 ULL Module, OM4, Fixed Shelf
760237336	HD-iP-4U-384F-LC-DM08-ULL-WB-FX	HD Intelligent 4U 384F-LC Distribution MPO08 ULL Module, OM5, Fixed Shelf
760237337	HD-iP-4U-384F-LC-DM12-ULL-LS-FX	HD Intelligent 4U 384F-LC Distribution MPO12 ULL Module, OM4, Fixed Shelf
760237338	HD-iP-4U-384F-LC-DM12-ULL-WB-FX	HD Intelligent 4U 384F-LC Distribution MPO12 ULL Module, OM5, Fixed Shelf
760237339	HD-iP-4U-384F-LC-DM24-ULL-LS-FX	HD Intelligent 4U 384F-LC Distribution MPO24 ULL Module, OM4, Fixed Shelf
760237340	HD-iP-4U-384F-LC-DM24-ULL-WB-FX	HD Intelligent 4U 384F-LC Distribution MPO24 ULL Module, OM5, Fixed Shelf
760237341	HD-iP-4U-128-MPO-DP-FX	HD Intelligent 4U 128-MPO Distribution Panel, Fixed Shelf
760239559	HD-SP-iP-1U-96F-LC-DP	HD SP Intelligent 1U 96F-LC Distribution Panel
760239558	HD-SP-iP-1U-48F-LC-DP	HD SP Intelligent 1U 48F-LC Distribution Panel

Intelligent panels

Intelligent fiber panels

Intelligent UD fiber panels

Material ID	Product number	Description
760236362	UD-iP-2U-96-MPO-DP-SD	UD 2U 96-MPO Distribution Panel, Sliding Shelf
760236364	UD-iP-2U-288F-LC-DM-LS-SD	UD 2U 288F-LC Distribution Module, OM4, Sliding Shelf
760236365	UD-iP-2U-288F-LC-DM-TS-SD	UD 2U 288F-LC Distribution Module, Singlemode, Sliding Shelf
760236363	UD-iP-2U-288F-LC-DM-WB-SD	UD 2U 288F-LC Distribution Module, OM5, Sliding Shelf
760236367	UD-iP-2U-288F-LC-DM08-ULL-LS-SD	UD 2U 288F-LC Distribution MPO08 ULL Module, OM4, Sliding Shelf
760236366	UD-iP-2U-288F-LC-DM08-ULL-WB-SD	UD 2U 288F-LC Distribution MPO08 ULL Module, OM5, Sliding Shelf
760236369	UD-iP-2U-288F-LC-DM12-ULL-LS-SD	UD 2U 288F-LC Distribution MPO12 ULL Module, OM4, Sliding Shelf
760236368	UD-iP-2U-288F-LC-DM12-ULL-WB-SD	UD 2U 288F-LC Distribution MPO12 ULL Module, OM5, Sliding Shelf
760236371	UD-iP-2U-288F-LC-DM24-ULL-LS-SD	UD 2U 288F-LC Distribution MPO24 ULL Module, OM4, Sliding Shelf
760236370	UD-iP-2U-288F-LC-DM24-ULL-WB-SD	UD 2U 288F-LC Distribution MPO24 ULL Module, OM5, Sliding Shelf
760237344	UD-iP-4U-576F-LC-DM-LS-SD	UD 4U 576F-LC Distribution Module, OM4, Sliding Shelf
760237345	UD-iP-4U-576F-LC-DM-TS-SD	UD 4U 576F-LC Distribution Module, Singlemode, Sliding Shelf
760237346	UD-iP-4U-576F-LC-DM-WB-SD	UD 4U 576F-LC Distribution Module, OM5, Sliding Shelf
760237347	UD-iP-4U-576F-LC-DM08-ULL-LS-SD	UD 4U 576F-LC Distribution MPO08 ULL Module, OM4, Sliding Shelf
760237348	UD-iP-4U-576F-LC-DM08-ULL-WB-SD	UD 4U 576F-LC Distribution MPO08 ULL Module, OM5, Sliding Shelf
760237349	UD-iP-4U-576F-LC-DM12-ULL-LS-SD	UD 4U 576F-LC Distribution MPO12 ULL Module, OM4, Sliding Shelf
760237350	UD-iP-4U-576F-LC-DM12-ULL-WB-SD	UD 4U 576F-LC Distribution MPO12 ULL Module, OM5, Sliding Shelf
760237351	UD-iP-4U-576F-LC-DM24-ULL-LS-SD	UD 4U 576F-LC Distribution MPO24 ULL Module, OM4, Sliding Shelf
760237352	UD-iP-4U-576F-LC-DM24-ULL-WB-SD	UD 4U 576F-LC Distribution MPO24 ULL Module, OM5, Sliding Shelf
760237353	UD-iP-4U-192-MPO-DP-SD	UD 4U 192-MPO Distribution Panel, Sliding Shelf
760237358	UD-iP-4U-576F-LC-DM-WB-FX	UD 4U 576F-LC Distribution Module, OM5, Fixed Shelf
760237356	UD-iP-4U-576F-LC-DM-LS-FX	UD 4U 576F-LC Distribution Module, OM4, Fixed Shelf
760237357	UD-iP-4U-576F-LC-DM-TS-FX	UD 4U 576F-LC Distribution Module, Singlemode, Fixed Shelf
760237359	UD-iP-4U-576F-LC-DM08-ULL-LS-FX	UD 4U 576F-LC Distribution MPO08 ULL Module, OM4, Fixed Shelf
760237360	UD-iP-4U-576F-LC-DM08-ULL-WB-FX	UD 4U 576F-LC Distribution MPO08 ULL Module, OM5, Fixed Shelf
760237361	UD-iP-4U-576F-LC-DM12-ULL-LS-FX	UD 4U 576F-LC Distribution MPO12 ULL Module, OM4, Fixed Shelf
760237362	UD-iP-4U-576F-LC-DM12-ULL-WB-FX	UD 4U 576F-LC Distribution MPO12 ULL Module, OM5, Fixed Shelf
760237363	UD-iP-4U-576F-LC-DM24-ULL-LS-FX	UD 4U 576F-LC Distribution MPO24 ULL Module, OM4, Fixed Shelf
760237364	UD-iP-4U-576F-LC-DM24-ULL-WB-FX	UD 4U 576F-LC Distribution MPO24 ULL Module, OM5, Fixed Shelf
760237365	UD-iP-4U-192-MPO-DP-FX	UD 4U 192-MPO Distribution Panel, Fixed Shelf

Intelligent panels

Intelligent fiber upgrade kits

CommScope VisiPORT/imVision upgrade kits allow you to convert standard fiber patch panels into “intelligent” components. These kits enable AIM by adding real-time monitoring and documentation capabilities without requiring a full rip-and-replace of your existing cabling.

Available upgrade kit types include:

- Intelligent fiber upgrade kits: These kits typically include fiber adapter packs or modules (such as LC or MPO interfaces) designed to fit into SYSTIMAX 360 G2 fiber shelves.
- System Manager upgrades: Software-based licenses that expand the capacity of the imVision System Manager (e.g., upgrading from 5,000 to 10,000 managed ports).



Intelligent fiber upgrade kits

Material ID	Product number	Description
760105148	360 intelligence ready Upg Kit G2 LC - 5pk	360 Upg Kit G2 LC - 5pk
760168443	360G2-iP-96F-LC-SD-KIT-5PK	360G2 96F-LC, Sliding Shelf 5PK Kit
760169151	360G2-iP-32-MPO-SD-KIT-5PK	360G2 32-MPO, Sliding Shelf 5PK Kit
760248969	360G2-iP-32-MPO-SD-KIT-1PK	360G2 32-MPO, Sliding shelf, 1pk upgrade kit
760248968	360G2-iP-96F-LC-SD-KIT-1PK	360G2 96F-LC, Sliding shelf, 1pk kit upgrade kit
760252056	Support insert-4pk	360G2 LC Support Insert, 4 pk
760109462	360G2 MOD Panel Blank-4pk	360G2 Mod Panel Blank Adapter, 4 pk

Intelligent panels

Fiber distribution modules/panels and splice cassettes

The VisiPORT/imVision portfolios also includes a variety of fiber distribution panels, modules, and splice cassettes. These components are typically labeled as “Intelligent” (fully intelligent) or “Intelligent-upgradable” (pre-wired to accept a future imVision upgrade kit).

Fiber distribution panels: imVision distribution panels house the modules or cassettes and are available in fixed or sliding configurations to fit standard 19-in racks. Distribution panels include pre-configured and empty panels, fixed and sliding, 1U and 2U designs that support up to 144 LC fibers per rack unit.

Fiber distribution modules: Modules provide the interface between back-end cabling (like MPO) and front-facing patch cords (like LC). They include G2 Series LC-to-MPO plug-and-play modules that support 12 or 24 fibers and are intelligence-ready, and preterminated InstaPATCH 360 modules for both multimode and singlemode.

Splice cassettes: Splice cassettes allow for onsite fusion splicing within the same footprint as a standard distribution module. imVision-compatible solutions feature G2 splice cassettes that combine termination and splicing in a single unit. They fit into G2, HD, and UD panels and are typically available with 12 SC or LC connectors and pre-installed pigtails.

Application Note: When ordering distribution modules (DMs) for future upgrade to VisiPORT/imVision platforms, select DMs from the table below. The modules use removable dust caps that are compatible with intelligent overlays and support field upgrades.

Intelligence-compatible fiber distribution modules and panels

Material ID	Product number	Description
InstaPATCH modules		
760242973	360DMiP-24LC-WB	InstaPATCH® 360 OM5 Module, 24 LC ports
760242971	360DMiP-24LC-LS	InstaPATCH® 360 OM4 Standard Module, 24 LC fibers (12 duplex ports)
760242967	360DMiP-12LC-LS	InstaPATCH® 360 OM4 Standard Module, 12 LC fibers (6 duplex ports)
760242974	360DMiP-24LCA-SM	InstaPATCH® 360 Singlemode APC Module, 24 LC fibers (12 duplex ports)
760242968	360DMiP-12LC-SM	InstaPATCH® 360 Singlemode Standard Module, 12 LC fibers (6 duplex ports)
760242970	360DMiP-12LCA-SM	InstaPATCH® 360 Singlemode APC Module, 12 LC fibers (6 duplex ports)
760242976	360DPiP-12LC-SM	InstaPATCH® 360, Singlemode SYSTIMAX 360 Distribution Panel 12 LC Blue intelligence ready
760242978	360DPiP-12LCA-SM	InstaPATCH® 360, Singlemode SYSTIMAX 360 Distribution Panel 12 LC Angled Green intelligence ready
760242980	360DPiP-24LC-SM	InstaPATCH® 360, Singlemode SYSTIMAX 360 Distribution Panel 24 LC, Blue
760242982	360DPiP-24LCA-SM	InstaPATCH® 360, Singlemode SYSTIMAX 360 Distribution Panel 24 LC APC, Green
ULL modules		
760236120	DM24ip-24LC-LS	G2 ULL OM4 MPO-24 Distribution Module, 1x24F MPO unpinned to 24F LC Aqua, Method B Enhanced, intelligence ready
760236121	DM24ip-24LC-WB	G2 ULL OM5 MPO-24 Distribution Module, 1x24F MPO unpinned to 24F LC Lime Green, Method B Enhanced, intelligence ready
760236118	DM12ip-24LC-LS	G2 ULL OM4 MPO-12 Distribution Module, 2x12F MPO unpinned to 24F LC Aqua, Method B Enhanced, intelligence ready
760236119	DM12ip-24LC-WB	G2 ULL OM5 MPO-12 Distribution Module, 2x12F MPO unpinned to 24F LC Lime Green, Method B Enhanced, intelligence ready

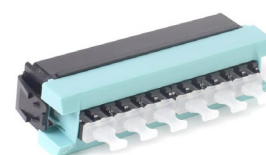


Intelligent panels

Fiber distribution modules/panels and splice cassettes

Intelligence-compatible fiber distribution modules and panels (continued)

Material ID	Product number	Description
ULL modules		
760236116	DM08ip-24LC-LS	G2 ULL OM4 MPO-8 Distribution Module, 3x8F MPO unpinned to 24F LC Aqua, Method B Enhanced, intelligence ready
760236117	DM08ip-24LC-WB	G2 ULL OM5 MPO-8 Distribution Module, 3x8F MPO unpinned to 24F LC Lime Green , Method B Enhanced, intelligence ready
760238084	DM08iP-24LC-SM-ULL	G2 ULL Singlemode MPO-8 Distribution Module, 3x8F MPO unpinned to 24F LC Blue, Method B Enhanced, intelligence ready
760238085	DM12iP-24LC-SM-ULL	G2 ULL Singlemode MPO-12 Distribution Module, 2x12F MPO unpinned to 24F LC Blue, Method B Enhanced, intelligence ready
760243043	DM12iP-12LC-LS-ULL	G2 ULL OM4 MPO-12 Distribution Module, 1x12F MPO unpinned to 12F LC Aqua, Method B Enhanced, intelligence ready
760243044	DM12iP-12LC-SM-ULL	G2 ULL Singlemode MPO-12 Distribution Module, 1x12F MPO unpinned to 12F LC Blue, Method B Enhanced, intelligence ready
760243045	DM12iP-12LC-WB-ULL	G2 ULL OM5 MPO-12 Distribution Module, 1x12F MPO unpinned to 12F LC Lime Green, Method B Enhanced, intelligence ready
760107524	360DP-8MPO	InstaPATCH® 360 Distribution Panel, 360DP-8MPO, 8 x MPO
760242969	360DMiP-12LC-LS	G2 OM4 Standard Module, 12 LC fibers intelligence ready (6 duplex ports)
Distribution panels		
760242975	360DPiP-12LC-LS	InstaPATCH® 360, OM4 SYSTIMAX 360 Distribution Panel 12 LC Aqua intelligence ready
760242976	360DPiP-12LC-SM	InstaPATCH® 360, Singlemode SYSTIMAX 360 Distribution Panel 12 LC Blue intelligence ready
760242977	360DPiP-12LC-WB	360 Distribution Adapter Pack 12 LC OM5 Lime Green intelligence ready
760242978	360DPiP-12LCA-SM	InstaPATCH® 360, Singlemode SYSTIMAX 360 Distribution Panel 12 LC APC, Green intelligence ready
760242979	360DPiP-24LC-LS	InstaPATCH® 360, OM4 SYSTIMAX 360 Distribution Panel 24 LC, Aqua
760242980	360DPiP-24LC-SM	InstaPATCH® 360, Singlemode SYSTIMAX 360 Distribution Panel 24 LC, Blue
760242981	360DPiP-24LC-WB	360DPis-24LC-WB intelligence ready
760242982	360DPiP-24LCA-SM	InstaPATCH® 360, Singlemode SYSTIMAX 360 Distribution Panel 24 LC APC, Green



Intelligence compatible splicing cassettes

Material ID	Product number	Description
760246246	G2iP-SP-12LC	G2 Splice Cassette, 12LC without shutters, intelligent-ready, no pigtails
760249049	G2iP-SP-24LC	G2 Splice Cassette, 24LC without shutters, intelligent-ready, no pigtails
760249050	G2iP-SP-24LCG-PT	G2 Splice Cassette, 24LC/UPC intelligent-ready, without shutters, OS2, with pigtails



Intelligent panels

Compatibility between fiber panels and intelligent upgrade kits

Material ID	Product number	760105148	760248968/760168443	760248969/760169151
760209940	HD-1U	Yes	Yes	Yes
760209957	HD-2U	Yes	Yes	Yes
760209965	HD-4U	Yes	Yes	Yes
760210732	HD-1U-FX	No	Yes	Yes
760210740	HD-2U-FX	No	Yes	Yes
760210757	HD-4U-FX	No	Yes	Yes
760231506	HD-1U-SP	Yes	Yes	Yes
760231514	HD-2U-SP	No	Yes	Yes
760218461	UD-2U-FX	No	Yes	Yes
760218479	UD-4U-FX	No	Yes	Yes
760227306	UD-2U	No	Yes	Yes
760227314	UD-4U	No	Yes	Yes
760193755	360MP-1U	Yes	Yes	Yes
760193920	360MP-2U	Yes	Yes	Yes
760193862	360MP-4U	No	Yes	Yes

5 Cable management



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CableGuide 360™ rack and cabinet cable management

- Simplified, user-friendly designs that are easier to deploy and manage
- A solution with increased cable capacity, organization and fiber protection
- More flexibility in panel widths/heights, configurations and cable types/sizes
- Consistent global availability and performance supported by a warranty



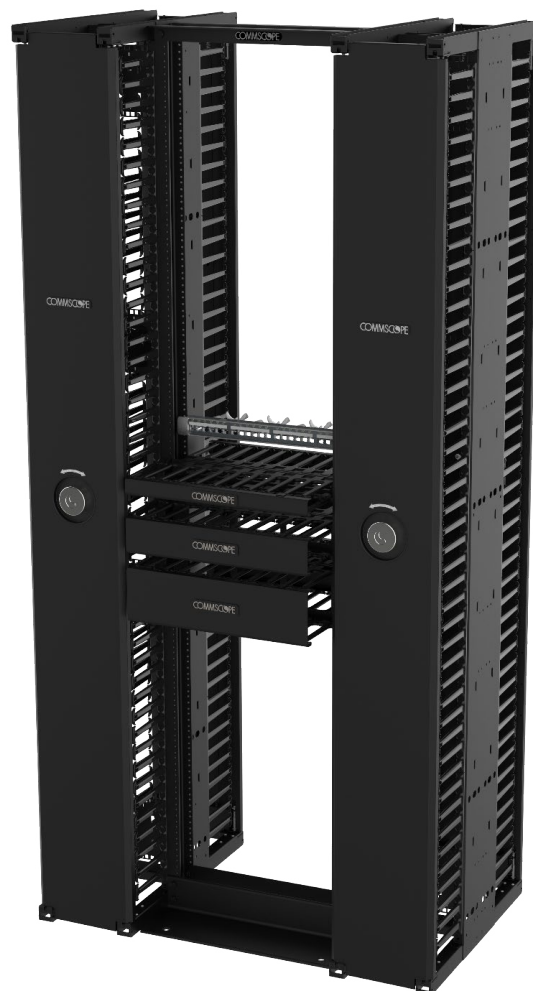
Today's enterprise networks are edge-based and hyperconnected. Cabling in the backbone network and horizontal sub-systems is densifying—growing more complex and unmanageable. It's all converging on vertical and horizontal cabling managers that weren't designed to handle the strain.

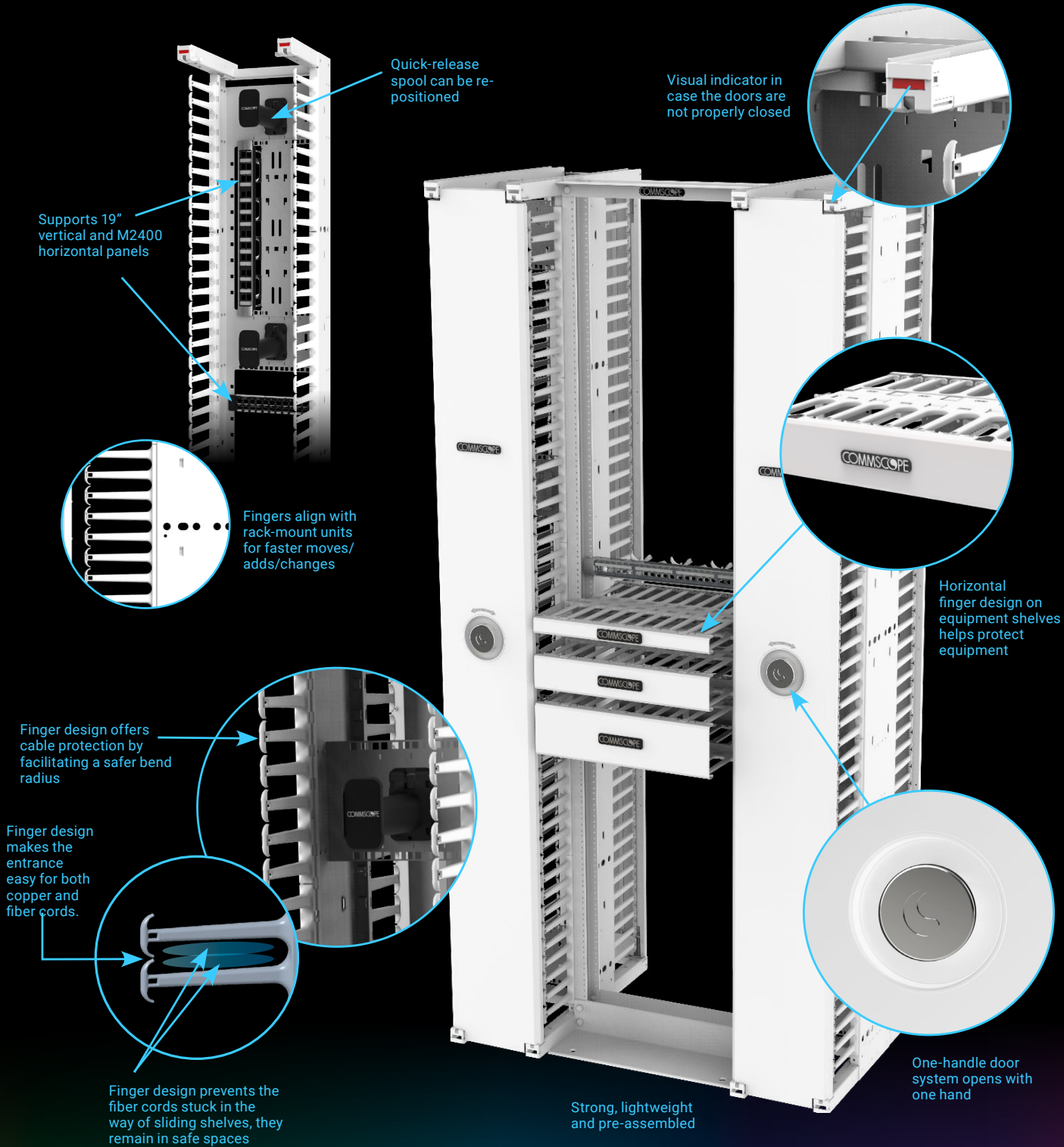
The CableGuide 360™ portfolio is uniquely designed to manage today's high cable loads and adapt to support virtually almost any application and environment.

Flexible, single-handed door operation, strong but flexible fingers and a wide range of panel mounting options translate to a future-ready solution that can significantly simplify cable management, maintain optimal bend radius and protect your network's ROI.

Highly customizable, the CableGuide 360 portfolio is the only cable management solution with performance that's fully backed by the SYSTIMAX Assurance™ program.

The CableGuide 360 portfolio consists of 19-in equipment racks, filler panels, cable managers and vertical and horizontal cable management systems.





CableGuide 360™ rack and cabinet cable management

19-in equipment racks

CommScope provides a variety of 19-in equipment racks designed to work with the CableGuide 360 solution.

- **2-post equipment racks:** The most common choice for telecommunications rooms. These open-frame aluminum racks are designed for 19-in (48.26 cm) EIA rack-mount equipment.
- **4-post equipment racks:** Provides additional stability and depth for heavier equipment, such as large network switches or servers, while still maintaining an open-frame design for easy cable access.



Aluminum frames with 12-24 tapped rails, black color, 19 in

Material ID	Product number	Posts	Channel depth (in)	Height (RU)	Width (in)	Description
760082479	RK3-45A	2	3	45	19	3 in (76 mm) Channel x 7 ft (2134 mm) H - 19 in (482.6 mm) Al Equipment Rack (45U) 12-24 Tapped Rails, Black
760082487	RK3-52A	2	3	52	19	3 in (76 mm) Channel x 8 ft (2438 mm) H - 19 in (482.6 mm) Al Equipment Rack (52U) 12-24 Tapped Rails, Black
760082495	RK6-45A	2	6	45	19	6 in (152 mm) Channel x 7 ft (2134 mm) H - 19 in (482.6 mm) Al Equipment Rack (45U) 12-24 Tapped Rails, Black
760082503	RK6-52A	2	6	52	19	6 in (152 mm) Channel x 8 ft (2438 mm) H - 19 in (482.6 mm) Al Equipment Rack (52U) 12-24 Tapped Rails, Black
760082511	RK12-45A	2	12	45	19	12 in (305 mm) Channel x 7 ft (2134 mm) H - 19 in (482.6 mm) Al Equipment Rack (45U) 12-24 Tapped Rails, Black
760090100	RK12-52A	2	12	52	19	12 in (305 mm) Channel x 8 ft (2438 mm) H - 19 in (482.6 mm) Al Equipment Rack (52U) 12-24 Tapped Rails, Black
760082529	RK4P45-29A	4	29	45	19	29 in (737 mm) D x 7 ft (2134 mm) H - 19 in (482.6 mm) Al Equipment Rack (45U) 12-24 Tapped Rails, Black
760082537	RK4P52-29A	4	29	52	19	29 in (737 mm) D x 8 ft (2438 mm) H - 19 in (482.6 mm) Al Equipment Rack (52U) 12-24 Tapped Rails, Black
760082560	RK4P45-36A	4	36	45	19	36 in (914 mm) D x 7 ft (2134 mm) H - 19 in (482.6 mm) Al Equipment Rack (45U) 12-24 Tapped Rails, Black
760082578	RK4P52-36A	4	36	52	19	36 in (914 mm) D x 8 ft (2438 mm) H - 19 in (482.6 mm) Al Equipment Rack (52U) 12-24 Tapped Rails, Black

Steel frames 19 in M6

Material ID	Product number	Posts	Channel depth (in)	Height (RU)	Width (in)	Description
760090118	RK3-45S	2	3	45	19	Rack, 19 in Steel, 3 in x 7 ft (M6) RK3-45S
760090126	RK3-52S	2	3	52	19	Rack, 19 in Steel, 3 in x 8 ft (M6) RK3-52S
760090134	RK6-45S	2	6	45	19	Rack, 19 in Steel, 6 in x 7 ft (M6) RK6-45S
760090142	RK6-52S	2	6	52	19	Rack, 19 in Steel, 6 in x 8 ft (M6) RK6-52S
760090159	RK12-45S	2	12	45	19	Rack, 19 in Steel, 12 in x 7 ft (M6) RK12-45S
760090167	RK12-52S	2	12	52	19	Rack, 19 in Steel, 12 in x 8 ft (M6) RK12-52S
760175703	RK-4PE-45-29S	4	29	45	19	Rack, 19 in Steel, 29 in x 7 ft (M6) RK-4PE-45-29S
760175729	RK-4PE-45-36S	4	36	45	19	Rack, 19 in Steel, 36 in x 7 ft (M6) RK-4PE-45-36S

CableGuide 360™ rack and cabinet cable management

Vertical cable managers (VCMs)

These high-density solutions are designed to organize and protect fiber and copper cabling in 19-in rack environments. With an innovative Zero-U capacity, they can host 19-in panels vertically within the manager itself to maximize rack space.

CableGuide 360 VCMs are available in 6-, 8-, 10-, and 12-inch widths and 84- and 96-inch heights. They can support either single-sided or double-sided access. Dual-hinged doors open from either the left or right or can be removed entirely for full access during large-scale installations. Tool-less accessories enable the addition of cable spools and trays without needing extra tools to manage slack.

CableGuide 360™ vertical cable managers

CableGuide 360™ vertical cable management kit with doors

Material ID	Product number	Sided	Height (in)	Depth (in)	Color	Description
760236901	VCM2-DS-84-6BK	Double Sided	84	6	Black	CableGuide 360™ Vertical Cable Management Kit, 6 in X 84 in (152 mm X 2134 mm) Double Sided, With Doors, Black
760236902	VCM2-DS-84-8BK	Double Sided	84	8	Black	CableGuide 360™ Vertical Cable Management Kit, 8 in X 84 in (203 mm X 2134 mm) Double Sided, With Doors, Black
760236903	VCM2-DS-84-10BK	Double Sided	84	10	Black	CableGuide 360™ Vertical Cable Management Kit, 10 in X 84 in (254 mm X 2134 mm) Double Sided, With Doors, Black
760236904	VCM2-DS-84-12BK	Double Sided	84	12	Black	CableGuide 360™ Vertical Cable Management Kit, 12 in X 84 in (305 mm X 2134 mm) Double Sided, With Doors, Black
760236905	VCM2-SS-84-6BK	Single Sided	84	6	Black	CableGuide 360™ Vertical Cable Management Kit, 6 in X 84 in (152 mm X 2134 mm) Single Sided, With Door, Black
760236906	VCM2-SS-84-8BK	Single Sided	84	8	Black	CableGuide 360™ Vertical Cable Management Kit, 8 in X 84 in (203 mm X 2134 mm) Single Sided, With Door, Black
760236907	VCM2-SS-84-10BK	Single Sided	84	10	Black	CableGuide 360™ Vertical Cable Management Kit, 10 in X 84 in (254 mm X 2134 mm) Single Sided, With Door, Black
760236908	VCM2-SS-84-12BK	Single Sided	84	12	Black	CableGuide 360™ Vertical Cable Management Kit, 12 in X 84 in (305 mm X 2134 mm) Single Sided, With Door, Black
760260354	VCM2-DS-84-6SL	Double Sided	84	6	Silver	CableGuide 360™ Vertical Cable Management Kit, 6 in X 84 in (152 mm X 2134 mm) Double Sided, With Doors, Silver
760260355	VCM2-DS-84-6WH	Double Sided	84	6	White	CableGuide 360™ Vertical Cable Management Kit, 6 in X 84 in (152 mm X 2134 mm) Double Sided, With Doors, White
760260356	VCM2-DS-84-8SL	Double Sided	84	8	Silver	CableGuide 360™ Vertical Cable Management Kit, 8 in X 84 in (203 mm X 2134 mm) Double Sided, With Doors, Silver
760260357	VCM2-DS-84-8WH	Double Sided	84	8	White	CableGuide 360™ Vertical Cable Management Kit, 8 in X 84 in (203 mm X 2134 mm) Double Sided, With Doors, White
760260358	VCM2-DS-84-10SL	Double Sided	84	10	Silver	CableGuide 360™ Vertical Cable Management Kit, 10 in X 84 in (254 mm X 2134 mm) Double Sided, With Doors, Silver
760260359	VCM2-DS-84-10WH	Double Sided	84	10	White	CableGuide 360™ Vertical Cable Management Kit, 10 in X 84 in (254 mm X 2134 mm) Double Sided, With Doors, White
760260360	VCM2-DS-84-12SL	Double Sided	84	12	Silver	CableGuide 360™ Vertical Cable Management Kit, 12 in X 84 in (305 mm X 2134 mm) Double Sided, With Doors, Silver
760260361	VCM2-DS-84-12WH	Double Sided	84	12	White	CableGuide 360™ Vertical Cable Management Kit, 12 in X 84 in (305 mm X 2134 mm) Double Sided, With Doors, White
760260362	VCM2-SS-84-6SL	Single Sided	84	6	Silver	CableGuide 360™ Vertical Cable Management Kit, 6 in X 84 in (152 mm X 2134 mm) Single Sided, With Door, Silver
760260363	VCM2-SS-84-8SL	Single Sided	84	8	Silver	CableGuide 360™ Vertical Cable Management Kit, 8 in X 84 in (203 mm X 2134 mm) Single Sided, With Door, Silver
760260364	VCM2-SS-84-10SL	Single Sided	84	10	Silver	CableGuide 360™ Vertical Cable Management Kit, 10 in X 84 in (254 mm X 2134 mm) Single Sided, With Door, Silver
760260365	VCM2-SS-84-12SL	Single Sided	84	12	Silver	CableGuide 360™ Vertical Cable Management Kit, 12 in X 84 in (305 mm X 2134 mm) Single Sided, With Door, Silver
760260366	VCM2-SS-84-6WH	Single Sided	84	6	White	CableGuide 360™ Vertical Cable Management Kit, 6 in X 84 in (152 mm X 2134 mm) Single Sided, With Door, White



CableGuide 360™ rack and cabinet cable management

CableGuide 360™ vertical cable management kit with doors (continued)

Material ID	Product number	Sided	Height (in)	Depth (in)	Color	Description
760260367	VCM2-SS-84-8WH	Single Sided	84	8	White	CableGuide 360™ Vertical Cable Management Kit, 8 in X 84 in (203 mm X 2134 mm) Single Sided, With Door, White
760260368	VCM2-SS-84-10WH	Single Sided	84	10	White	CableGuide 360™ Vertical Cable Management Kit, 10 in X 84 in (254 mm X 2134 mm) Single Sided, With Door, White
760260369	VCM2-SS-84-12WH	Single Sided	84	12	White	CableGuide 360™ Vertical Cable Management Kit, 12 in X 84 in (305 mm X 2134 mm) Single Sided, With Door, White
760260432	VCM2-SS-96-6BK	Single Sided	96	6	Black	CableGuide 360™ Vertical Cable Management Kit, 6 in X 96 in (152 mm X 2438 mm) Single Sided, With Door, Black
760260433	VCM2-SS-96-8BK	Single Sided	96	8	Black	CableGuide 360™ Vertical Cable Management Kit, 8 in X 96 in (203 mm X 2438 mm) Single Sided, With Door, Black
760260434	VCM2-SS-96-10BK	Single Sided	96	10	Black	CableGuide 360™ Vertical Cable Management Kit, 10 in X 96 in (254 mm X 2438 mm) Single Sided, With Door, Black
760260435	VCM2-SS-96-12BK	Single Sided	96	12	Black	CableGuide 360™ Vertical Cable Management Kit, 12 in X 96 in (305 mm X 2438 mm) Single Sided, With Door, Black
760260436	VCM2-SS-96-6SL	Single Sided	96	6	Silver	CableGuide 360™ Vertical Cable Management Kit, 6 in X 96 in (152 mm X 2438 mm) Single Sided, With Door, Silver
760260437	VCM2-SS-96-8SL	Single Sided	96	8	Silver	CableGuide 360™ Vertical Cable Management Kit, 8 in X 96 in (203 mm X 2438 mm) Single Sided, With Door, Silver
760260438	VCM2-SS-96-10SL	Single Sided	96	10	Silver	CableGuide 360™ Vertical Cable Management Kit, 10 in X 96 in (254 mm X 2438 mm) Single Sided, With Door, Silver
760260439	VCM2-SS-96-12SL	Single Sided	96	12	Silver	CableGuide 360™ Vertical Cable Management Kit, 12 in X 96 in (305 mm X 2438 mm) Single Sided, With Door, Silver
760260440	VCM2-SS-96-6WH	Single Sided	96	6	White	CableGuide 360™ Vertical Cable Management Kit, 6 in X 96 in (152 mm X 2438 mm) Single Sided, With Door, White
760260441	VCM2-SS-96-8WH	Single Sided	96	8	White	CableGuide 360™ Vertical Cable Management Kit, 8 in X 96 in (203 mm X 2438 mm) Single Sided, With Door, White
760260442	VCM2-SS-96-10WH	Single Sided	96	10	White	CableGuide 360™ Vertical Cable Management Kit, 10 in X 96 in (254 mm X 2438 mm) Single Sided, With Door, White
760260443	VCM2-SS-96-12WH	Single Sided	96	12	White	CableGuide 360™ Vertical Cable Management Kit, 12 in X 96 in (305 mm X 2438 mm) Single Sided, With Door, White
760260444	VCM2-DS-96-6BK	Double Sided	96	6	Black	CableGuide 360™ Vertical Cable Management Kit, 6 in X 96 in (152 mm X 2438 mm) Double Sided, With Doors, Black
760260445	VCM2-DS-96-6SL	Double Sided	96	6	Silver	CableGuide 360™ Vertical Cable Management Kit, 6 in X 96 in (152 mm X 2438 mm) Double Sided, With Doors, Silver
760260446	VCM2-DS-96-6WH	Double Sided	96	6	White	CableGuide 360™ Vertical Cable Management Kit, 6 in X 96 in (152 mm X 2438 mm) Double Sided, With Doors, White
760260447	VCM2-DS-96-8BK	Double Sided	96	8	Black	CableGuide 360™ Vertical Cable Management Kit, 8 in X 96 in (203 mm X 2438 mm) Double Sided, With Doors, Black
760260448	VCM2-DS-96-8SL	Double Sided	96	8	Silver	CableGuide 360™ Vertical Cable Management Kit, 8 in X 96 in (203 mm X 2438 mm) Double Sided, With Doors, Silver
760260449	VCM2-DS-96-8WH	Double Sided	96	8	White	CableGuide 360™ Vertical Cable Management Kit, 8 in X 96 in (203 mm X 2438 mm) Double Sided, With Doors, White
760260450	VCM2-DS-96-10BK	Double Sided	96	10	Black	CableGuide 360™ Vertical Cable Management Kit, 10 in X 96 in (254 mm X 2438 mm) Double Sided, With Doors, Black
760260451	VCM2-DS-96-10SL	Double Sided	96	10	Silver	CableGuide 360™ Vertical Cable Management Kit, 10 in X 96 in (254 mm X 2438 mm) Double Sided, With Doors, Silver
760260452	VCM2-DS-96-10WH	Double Sided	96	10	White	CableGuide 360™ Vertical Cable Management Kit, 10 in X 96 in (254 mm X 2438 mm) Double Sided, With Doors, White
760260453	VCM2-DS-96-12BK	Double Sided	96	12	Black	CableGuide 360™ Vertical Cable Management Kit, 12 in X 96 in (305 mm X 2438 mm) Double Sided, With Doors, Black
760260454	VCM2-DS-96-12SL	Double Sided	96	12	Silver	CableGuide 360™ Vertical Cable Management Kit, 12 in X 96 in (305 mm X 2438 mm) Double Sided, With Doors, Silver
760260455	VCM2-DS-96-12WH	Double Sided	96	12	White	CableGuide 360™ Vertical Cable Management Kit, 12 in X 96 in (305 mm X 2438 mm) Double Sided, With Doors, White



CableGuide 360™ rack and cabinet cable management

CableGuide essential vertical cable managers

CableGuide essential vertical cable management kit with twin covers

Material ID	Product number	Sided	Height (in)	Depth (in)	Color	Description
760260759	VCM-SS-84-6BK-TD	Single Sided	84 in	6	Black	CableGuide Essential, Vertical Cable Management Kit, 6 inch x 84 inch single sided, with twin covers, black
760260760	VCM-SS-84-8BK-TD	Single Sided	84 in	8	Black	CableGuide Essential, Vertical Cable Management Kit, 8 inch x 84 inch single sided, with twin covers, black
760260761	VCM-DS-84-6BK-TD	Double Sided	84 in	6	Black	CableGuide Essential, Vertical Cable Management Kit, 6 inch x 84 inch double sided, with twin covers, black
760260762	VCM-DS-84-8BK-TD	Double Sided	84 in	8	Black	CableGuide Essential, Vertical Cable Management Kit, 8 inch x 84 inch double sided, with twin covers, black
760260763	VCM-SS-84-6WH-TD	Single Sided	84 in	6	White	CableGuide Essential, Vertical Cable Management Kit, 6 inch x 84 inch single sided, with twin covers, white
760260764	VCM-SS-84-8WH-TD	Single Sided	84 in	8	White	CableGuide Essential, Vertical Cable Management Kit, 8 inch x 84 inch single sided, with twin covers, white
760260765	VCM-DS-84-6WH-TD	Double Sided	84 in	6	White	CableGuide Essential, Vertical Cable Management Kit, 6 inch x 84 inch double sided, with twin covers, white
760260766	VCM-DS-84-8WH-TD	Double Sided	84 in	8	White	CableGuide Essential, Vertical Cable Management Kit, 8 inch x 84 inch double sided, with twin covers, white



760260760-3RT-B.225



760260761-3RT-B.229



VCM-SS-84-6WH-TD



VCM-DS-84-8WH-TD

Vertical cable managers (VCMs) overhead

Material ID	Product number	Description
760158592	OVRHDRACKVCM	3 in (76 mm) Channel x 9.4 in (239 mm) H - 19 in (482.6 mm) Overhead Patch Panel Rack (4U) 3/8 Sq Punch, with Mini Vertical Cable Management, Black
760169599	OVRHDRACKVCM6	3 in (76 mm) Channel x 12.9 in (327.66 mm) H - 19 in (482.6 mm) Overhead Patch Panel Rack (6U) 3/8 Sq Punch, with Mini Vertical Cable Management, Black
760169607	OVRHDCVM6U	Mini Vertical Cable Management for Overhead Patch Panel Rack, 6U, Black
760164061	OVRHDCVM4U	Mini Vertical Cable Management for Overhead Patch Panel Rack, 4U, Black
760169581	OVRHDRACK6U	3 in (76 mm) Channel x 9.5 in (239 mm) H - 19 in (482.6 mm) Overhead Patch Panel Rack (6U) 3/8 Sq Punch, Black
760157800	OVRHDRACK4U	3 in (76 mm) Channel x 9.4 in (239 mm) H - 19 in (482.6 mm) Overhead Patch Panel Rack (4U) 3/8 Sq Punch, Black

CableGuide 360™ rack and cabinet cable management

Horizontal cable managers (HCMs)

SYSTIMAX CableGuide 360 horizontal cable managers are designed for high-density patching where cable strain and bend-radius protection are critical. They feature a simplified, flexible, and intuitive design that supports both fiber and copper cabling across almost any horizontal patching application.

Key design features

- **Dual-hinge latching doors** (standard) open to the left or right and feature a patent-pending latching mechanism for easy closing.
- **Open-back design** on the 2U and 3U troughs allows cables to pass through easily from the front to the rear of the rack.
- **Bend-radius protection** uses horizontal covers that hinge up or down and lock into position with cylindrical finger ends to ensure cables maintain required bend radius.
- **Recessed handles** eliminate the potential for snagging arms or clothing during maintenance.
- **Tool-less accessories** enable the addition of cable spools and trays without needing extra tools to manage slack.

Essential horizontal cable managers

Horizontal cable management kit 19 in

Material ID	Product number	Sided	Rack Units	Color	Description
760259386	HCM2-19-SS-1U-BK	Single Sided	1	Black	Horizontal Cable Management Kit, 1 RU, 19 in, Single Sided, Black
760259387	HCM2-19-SS-2U-BK	Single Sided	2	Black	Horizontal Cable Management Kit, 2 RU, 19 in, Single Sided, Black
760259816	HCM2-19-SS-1U-WH	Single Sided	1	White	Horizontal Cable Management Kit, 1 RU, 19 in, Single Sided, White
760259817	HCM2-19-SS-2U-WH	Single Sided	2	White	Horizontal Cable Management Kit, 2 RU, 19 in, Single Sided, White



HCM2-19-SS-1U-BK



HCM2-19-SS-1U-WH



HCM2-19-SS-2U-BK



HCM2-19-SS-2U-WH

CableGuide 360™ rack and cabinet cable management

Essential horizontal cable managers

Horizontal trough kit 19 in

Material ID	Product number	Sided	Rack Unit2	Color	Description
760259434	HTK2-19-DS-1U-BK	Double Sided	1	Black	CableGuide 360™ Horizontal Trough Kit, 1 RU, 19 in, Double Sided, Black
760260414	HTK2-19-DS-1U-SL	Double Sided	1	Silver	CableGuide 360™ Horizontal Trough Kit, 1 RU, 19 in, Double Sided, Silver
760260429	HTK2-19-DS-1U-WH	Double Sided	1	White	CableGuide 360™ Horizontal Trough Kit, 1 RU, 19 in, Double Sided, White
760259435	HTK2-19-DS-2U-BK	Double Sided	2	Black	CableGuide 360™ Horizontal Trough Kit, 2 RU, 19 in, Double Sided, Black
760260415	HTK2-19-DS-2U-SL	Double Sided	2	Silver	CableGuide 360™ Horizontal Trough Kit, 2 RU, 19 in, Double Sided, Silver
760260430	HTK2-19-DS-2U-WH	Double Sided	2	White	CableGuide 360™ Horizontal Trough Kit, 2 RU, 19 in, Double Sided, White
760259436	HTK2-19-DS-3U-BK	Double Sided	3	Black	CableGuide 360™ Horizontal Trough Kit, 3 RU, 19 in, Double Sided, Black
760260370	HTK2-19-DS-3U-SL	Double Sided	3	Silver	CableGuide 360™ Horizontal Trough Kit, 3 RU, 19 in, Double Sided, Silver
760260431	HTK2-19-DS-3U-WH	Double Sided	3	White	CableGuide 360™ Horizontal Trough Kit, 3 RU, 19 in, Double Sided, White
760259431	HTK2-19-SS-1U-BK	Single Sided	1	Black	CableGuide 360™ Horizontal Trough Kit, 1 RU, 19 in, Single Sided, Black
760260411	HTK2-19-SS-1U-SL	Single Sided	1	Silver	CableGuide 360™ Horizontal Trough Kit, 1 RU, 19 in, Single Sided, Silver
760260371	HTK2-19-SS-1U-WH	Single Sided	1	White	CableGuide 360™ Horizontal Trough Kit, 1 RU, 19 in, Single Sided, White
760259432	HTK2-19-SS-2U-BK	Single Sided	2	Black	CableGuide 360™ Horizontal Trough Kit, 2 RU, 19 in, Single Sided, Black
760260412	HTK2-19-SS-2U-SL	Single Sided	2	Silver	CableGuide 360™ Horizontal Trough Kit, 2 RU, 19 in, Single Sided, Silver
760260372	HTK2-19-SS-2U-WH	Single Sided	2	White	CableGuide 360™ Horizontal Trough Kit, 2 RU, 19 in, Single Sided, White
760259433	HTK2-19-SS-3U-BK	Single Sided	3	Black	CableGuide 360™ Horizontal Trough Kit, 3 RU, 19 in, Single Sided, Black
760260413	HTK2-19-SS-3U-SL	Single Sided	3	Silver	CableGuide 360™ Horizontal Trough Kit, 3 RU, 19 in, Single Sided, Silver
760260373	HTK2-19-SS-3U-WH	Single Sided	3	White	CableGuide 360™ Horizontal Trough Kit, 3 RU, 19 in, Single Sided, White

Filler panels

Filler panels (blanking panels or blank bezels) are designed to maintain airflow efficiency and a clean aesthetic by covering unused rack units or modular slots. These are specifically designed to match the sleek, rounded look of the 360 portfolio.

They are available in 1U, 2U and 3U sizes.



Filler Panels

Material ID	Product number	Description
760162065	CPP-FPANEL-19-1U	Filler Panel, 1U x 19 in., Solid, Black

CommScope FiberGuide® overhead raceways

FiberGuide® fiber management systems offer the greatest breadth of optical raceway products in the industry. They are designed to protect and route fiber-optic patch cords, multi-fiber cable assemblies and intra-facility fiber cable (IFC) to and from fiber splice enclosures, fiber distribution frames and fiber-optic terminal devices.

Tool-less, Snap-Fit™ junctions significantly reduce the amount of time required for installation. FiberGuide is available in a variety of sizes, and basic components include horizontal and vertical straight sections, horizontal and vertical elbows, downspouts, junctions and numerous support hardware and flex-vertical kits.

Key features

- **Total fiber protection:** Components are manufactured from high-strength engineering thermoplastics to protect cables from physical damage and ensure “off-frame” safety.
- **Snap-Fit™ technology:** Most junctions and fittings use a tool-less, snap-together design that significantly reduces installation time.
- **Express Exit™ system:** Allows for the addition of new drops (cable exits) into a fully loaded raceway in seconds without any cutting or downtime.
- **Improved airflow:** By moving fiber to overhead raceways, it removes obstructions from under-floor plenums, improving cooling efficiency in data centers.

Available sizes include: 2x2, 2x6, 4x4, 4x6, 4x12 and 4x24.

For more information, download the [FiberGuide ordering guide](#).



Straight sections and fittings

Description	4 in x 6 in	4 in x 12 in	4 in x 24 in
Straight Section Horizontal - L= 6 feet	FGS-MSHS-B	FGS-MSHS-F	FGS-MSHS-H
Straight Section Cover	FGS-MSNC-B/G	FGS-MSNC-F	FGS-FSFC-H
Horizontal Cross	FGS-MHXP-B	FGS-MHXP-F	FGS-MHXP-H
Horizontal Cross Cover	FGS-SHXP-B	FGS-SHXP-F	FGS-FHXP-H
T-Adapter - Horizontal	FGS-MHRT-B	FGS-MHRT-F	FGS-MHRT-H
90° Elbow - Horizontal	FGS-MH9E-B	FGS-MH9E-F	
90° Elbow Vertical - Up With Cover	FGS-MU9E-B		
90° Elbow Vertical - Down	FGS-MD9E-B	FGS-MD9E-F	
45° Elbow - Horizontal	FGS-MH4E-B	FGS-MH4E-F	FGS-MH4E-H
45° Elbow Vertical - Up With Cover	FGS-MU4E-B	FGS-MU4E-F	FGS-MU4E-H
45° Elbow Vertical - Down	FGS-MD4E-B	FGS-MD4E-F	FGS-MD4E-H
Trumpet Flare	FGS-MTRM-B	FGS-MTRM-F	FGS-MTRM-H
End Cap	FGS-HMEC-B	FGS-HMEC-F	FGS-HMEC-H

CommScope FiberGuide® overhead raceways

Junctions

Description	4 in x 6 in	4 in x 12 in	4 in x 24 in
Junctions/Joiners	FGS-MFAW-B	FGS-MFAW-F	FGS-MFAW-H

Fixed downspouts

Description	4 in x 6 in	4 in x 12 in	4 in x 24 in
Downspout kit	FGS-MDSP-B	FGS-MDSP-F	
Cover	FGS-MCDS-AB	FGS-SDSP-F	

Express exit downspouts

Description	4 in x 6 in	4 in x 12 in	4 in x 24 in
2-Inch Express Exit™	FGS-MEXP-A/B/F	FGS-MEXP-A/B/F	FGS-MEXP-A/B/F
2-Inch Low-profile Express Exit™	FGS-MEXP-LP-A/B/F	FGS-MEXP-LP-A/B/F	FGS-MEXP-LP-A/B/F
4-Inch Express Exit™	FGS-MEXP-E-A/B/F	FGS-MEXP-E-A/B/F	FGS-MEXP-E-A/B/F
Express Exit Rear Hinged Cover for 4 x 12 Raceway, Yellow		FGS-MEXC-E-F	

Downspout accessories

Description	4 in x 6 in	4 in x 12 in	4 in x 24 in
Single 2" Flex Tube Attachment, 2x2 inch	FGS-MEX1-C-0F	FGS-MEX1-C-0F	FGS-MEX1-C-0F
Single 2" Flex Tube Attachment, 4x4 inch	FGS-KT03-A1NH	FGS-KT03-A1NH	FGS-KT03-A1NH
Dual 2" Flex Tube Attachment, 4x4 inch	FGS-KT03-ANH	FGS-KT03-ANH	FGS-KT03-ANH
Dual 2" Flex Tube Attachment, 4x6 inch	FGS-KT03-B-0F	FGS-KT03-B-0F	FGS-KT03-B-0F
2" Flex Tube, Slotted, Yellow (x= length in feet 5, 10, 15, 20, 25, 30, 35, 40, 45, 50....)	FGS-MIDY-xF	FGS-MIDY-xF	FGS-MIDY-xF

Brackets for threaded rods

Description	4 in x 6 in	4 in x 12 in	4 in x 24 in
New Threaded Rod Bracket 12mm	FGS-HNTR-12MM	FGS-HNTR-F-12MM	
New Threaded Rod Bracket 16mm		FGS-HNTP-F-16MM	FGS-HNTP-H-16MM
Trapeze Support Bracket 12mm		FGS-HNTP-F-12MM	
C- Bracket Threaded Rod 12mm	FGS-HNTS-12MM	FGS-HNTS-F-12MM	FGS-HNTS-H-12MM-A
C- Bracket Threaded Rod 16mm	FGS-HNTS-16MM	FGS-HNTS-F-16mm	

Tools

Description	4 in x 6 in	4 in x 12 in	4 in x 24 in
Mitre Box with Saw for 2-4-6 & 12-inch Straight Section	FGS-MKIT-ABF	FGS-MKIT-ABF	FGS-MKIT-H

CommScope pushes the boundaries of communications technology with game-changing ideas and ground-breaking discoveries that spark profound human achievement.

We collaborate with our customers and partners to design, create and build the world's most advanced networks. It is our passion and commitment to identify the next opportunity and realize a better tomorrow.

For more information, visit the SYSTIMAX 2.0 solutions page
www.systimax.com



Have a technical question on a product listed in this guide?

You can find help [here](#).

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