Accu-Tech Fiber Ordering Guide

Tap the potential in your campus network

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Campus fiber solutions

More than IT, your campus fiber network supports the wireless communications, connected devices, applications and systems that drive productivity within and among buildings. As its role increases, so do the demands placed upon it. 1 Gbps in-building cabling, once considered sufficient, must evolve toward 40 Gbps, 100 Gbps and beyond.
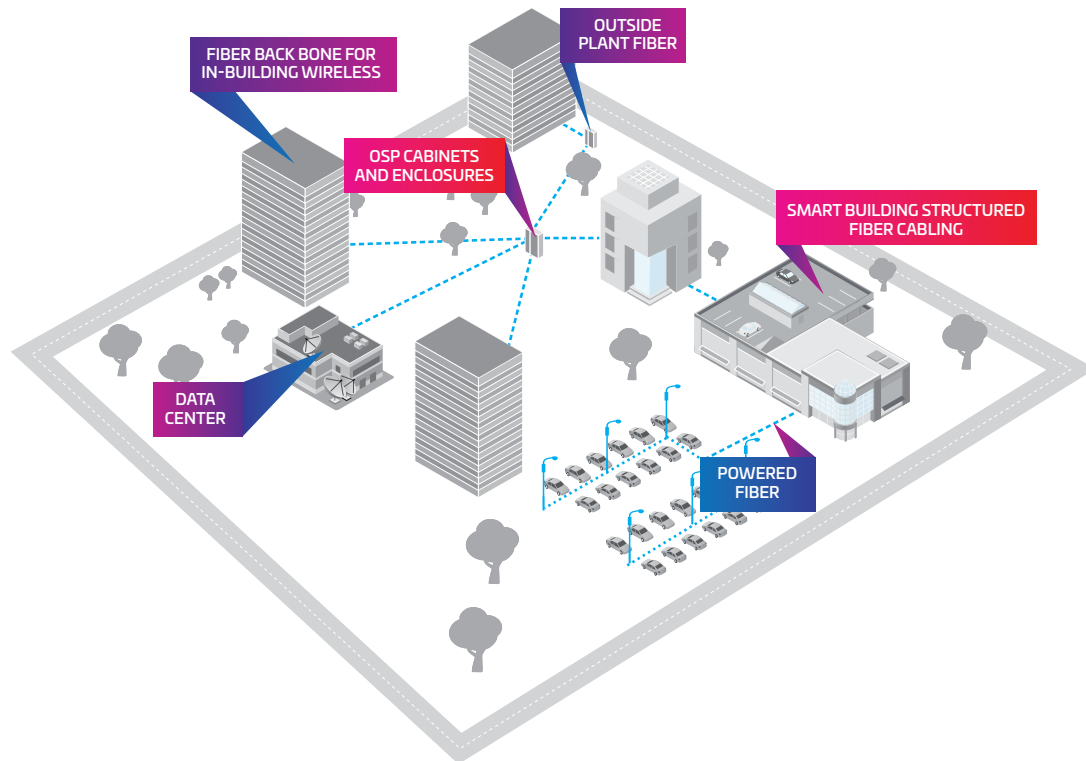
At CommScope, we see the untapped potential in your campus network. Advances in fiber cabling and connectivity now support faster speeds, over longer distances and with greater reliability. We help you put it to work.

Our campus network portfolio includes singlemode and multimode cabling, connectors, panels, enclosures, splice equipment and more. All components are certified to meet or exceed industry standards. A unique WebTrak® serial number lets you trace and verify the performance of each individual cable, fiber assemblies, modules and more.

This easy-to-use ordering guide features our most commonly used campus fiber elements. For more information, visit our online catalog or contact your CommScope representative.

Your campus network is capable of more and getting you there is our priority.
Partner with CommScope and let's shape the future of your campus network together.

Campus Fiber Solutions

Field installable connectors by CommScope offer flexible network solutions are 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 factory pre-polished ferrule eliminates the need for polishing, adhesives, and crimping in the field—minimizing the potential for operator error and expensive connector scrap. Easy to use and quick to install, CommScope field installable connectors and tool kits are designed to simplify the termination process and enable you to terminate and move to your next project with minimal investment in time and cost.

· Fast to install

· No requirement for pre-engineered lengths

· Eliminates unwanted slack storage

· Consistent and reliable terminations

· No epoxy, no polish, no crimp

· Reduces scrap and waste

· Compatible with industry-leading splicers

CommScope offers an extended line of field installable connectors and tool kits, including mechanical splice Qwik II and fusion splice-on Qwik-Fuse connectors. At CommScope, we know campus network solutions are not a one size fits all. You can trust in our products and team of experts to help add the flexibility you need to create a quality solution.

QWIK-FUSE CONNECTORS

Material ID	Description	Connector	Fiber	Cable	Housing color	Package
760242874	MFC-LCF-09-5Y-12-PACK	LC	OM3/4/5	0.25/0.9 mm	Aqua	12/pack
760243372	SFC-LCF-09-8Y-12-PACK	LC-UPC	OS2	0.25/0.9 mm	Blue	12/pack

QWIK II CONNECTORS AND TOOL 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
760117895	SFC-LCF-09-8X	LC-UPC	OS2	0.25/0.9 mm	Blue	Single

Panels

EPX-1U-MOD-ENC

EPX-2U-MOD-ENC

EPX-4U-MOD-ENC

EPX PANELS				
Series	Density	Concept	Material ID	Description
EPX	96 LC/RU 32 MPO/RU	Sliding	760249998	EPX-1U-MOD-ENC
			760251044	EPX-2U-MOD-ENC
			760251048	EPX-4U-MOD-ENC
	72 LC/RU 24 MPO/RU		760249997	EPX-1U-PNL-ENC
			760251045	EPX-2U-PNL-ENC
			760251049	EPX-4U-PNL-ENC

WB2-EMT-BK-4P-MOD

WALL MOUNT PANELS		
Material ID	Product Number	Description
760248900	WB2-EMT-BK-1P-MOD	Wall Mount Panel configured for one G2 Style module, splice cassette or adapter pack
760248901	WB2-EMT-BK-2P-MOD	Wall Mount Panel configured for two G2 Style modules, splice cassettes or adapter packs
760248902	WB2-EMT-BK-4P-MOD	Wall Mount Panel configured for four G2 style modules, splice cassettes or adapter packs
760248905	WB2-EMT-BK-2P-PNL	Wall Mount Building Enclosure configured for two LGX/1000 Style modules, splice cassettes or adapter packs
760248904	WB2-EMT-BK-1P-PNL	Wall Mount Building Enclosure configured for one LGX/1000 Style module, splice cassette or adapter pack
760248906	WB2-EMT-BK-4P-PNL	Wall Mount Building Enclosure configured for four LGX/1000 Style modules, splice cassettes or adapter packs

Splice Cassettes

G2-SP-12LCX-PT

| SPLICE CASSETTES		
Multimode		
Material ID	Product Number	Description
760244927	G2-SP-24LCX-PT	Splicing cassette, 24LC, OM4, pigtail
760245399	G2-SP-12LCX-PT	Splicing cassette, 12LC, OM4, pigtail
760221697	PNL-CS-24LCX-PT	LazrSPEED® Splicing cassette, 24LC, 900µm
760221705	PNL-CS-24LCW-PT	TeraSPEED® Splicing cassette, 24LC, 900µm
760236503	PNL-CS-24LCX	LazrSPEED® Splicing cassette, 24LC, No Pigtails
760236504	PNL-CS-24LCW	TeraSPEED® Splicing cassette, 24LC, No Pigtails
Singlemode		
760244929	G2-SP-24LCG-PT	Splicing cassette, 24LC, singlemode, pigtail
760245401	G2-SP-12LCG-PT	Splicing cassette, 12LC, singlemode, pigtail

Adapter Packs

360DPis-24LC-SM 360DPis-24LC-LS

ADAPTER PANELS FOR RACK MOUNT OR WALL MOUNT PANELS		
Singlemode LC		
Material ID	Product Number	Description
760216762	360DPis-24LC-SM	360 Distribution Adapter Pack 24 LC with internal shutters, Singlemode Blue
760148361	PNL-BK-024-SFA-LC02-BL-NS	Adapter Pack, Black, 1000-Type, with 12 TeraSPEED® SM duplex LC adapters, blue, no shutter
Multimode LC		
Material ID	Product Number	Description
760216754	360DPis-24LC-LS	360 Distribution Adapter Pack 12 LC with internal shutters, Multimode OM4 Aqua
760148171	PNL-BK-024-MFA-LC02-AQ-NS	Adapter Pack, Black, 1000-Type, with 12 LazrSPEED® MM duplex LC adapters, aqua, no shutter

Distribution Cables

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

Fiber Count	Material ID	Product Number	Mode
ALL-DIELECTRIC (NON-ARMORED)			
RISER			
12	760004440	R-012-DS-8W-FSUYL	Singlemode
24	760018515	R-024-DS-8W-FSUYL	Singlemode
PLENUM			
6	700009772	P-006-DS-5L-FSUAQ	OM3
6	760012138	P-006-DS-5K-FSUAQ	OM4
6	760004333	P-006-DS-8W-FSUYL	Singlemode
12	760004358	P-012-DS-8W-FSUYL	Singlemode
24	760018630	P-024-DS-8W-FSUYL	Singlemode
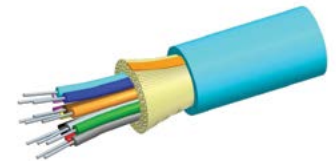
Interlocking armored Distribution cables utilize a protective aluminum interlocking armor over a standard Distribution Cable. An additional outer jacket provides a smooth surface for easier installation as well as cable identification.

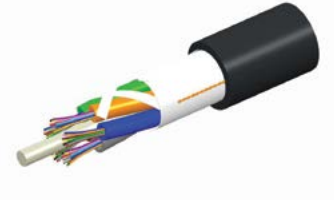| Fiber Count	Material ID	Product Number	Mode
INDOOR INTERLOCKING ARMORED			
RISER			
12	760127514	R-012-DZ-5K-FSUAQ	OM4
12	760127316	R-012-DZ-8W-FSUYL	Singlemode
24	760127373	R-024-DZ-8W-FSUYL	Singlemode
PLENUM			
12	760127647	P-012-DZ-5L-FSUAQ	OM3
24	760127902	P-024-DZ-5L-FSUAQ	OM3
6	760128181	P-006-DZ-5K-FSUAQ	OM4
12	760128017	P-012-DZ-5K-FSUAQ	OM4
24	760127910	P-024-DZ-5K-FSUAQ	OM4
6	760127795	P-006-DZ-8W-FSUYL	Singlemode
12	760127803	P-012-DZ-8W-FSUYL	Singlemode
24	760127886	P-024-DZ-8W-FSUYL	Singlemode
48	760127837	P-048-DZ-8W-FMUYL	Singlemode

Indoor/Outdoor 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 250um colored fibers per color coded tube.

INDOOR/OUTDOOR ALL-DIELECTRIC (NON-ARMORED)			
Fiber Count	Material ID	Product Number	Mode
RISER			
12	760086371	R-012-LN-8W-F12BK/25D	Singlemode
24	760086405	R-024-LN-8W-F12BK/25D	Singlemode

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

OUTDOOR ALL-DIELECTRIC (NON-ARMORED)			
Fiber Count	Material ID	Product Number	Mode
24	760054189	D-024-LN-5L-F12NS	OM3
12	760053843	D-012-LN-8W-F12NS	Singlemode
24	760053850	D-024-LN-8W-F12NS	Singlemode

OUTDOOR ARMORED			
Fiber Count	Material ID	Product Number	Mode
12	760053280	D-012-LA-8W-F12NS	Singlemode
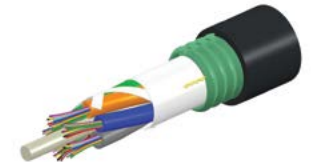
CommScope pushes the boundaries of communications
technology with game-changing ideas and ground-breaking
discoveries that spark profound human achievement.
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create and build the world's most advanced networks. It is our
passion and commitment to identify the next opportunity and
realize a better tomorrow. Discover more at commscope.com

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