



# Campus Fiber Solutions Ordering Guide

Tap the potential in your campus network

COMMScope®

North American Region  
2023

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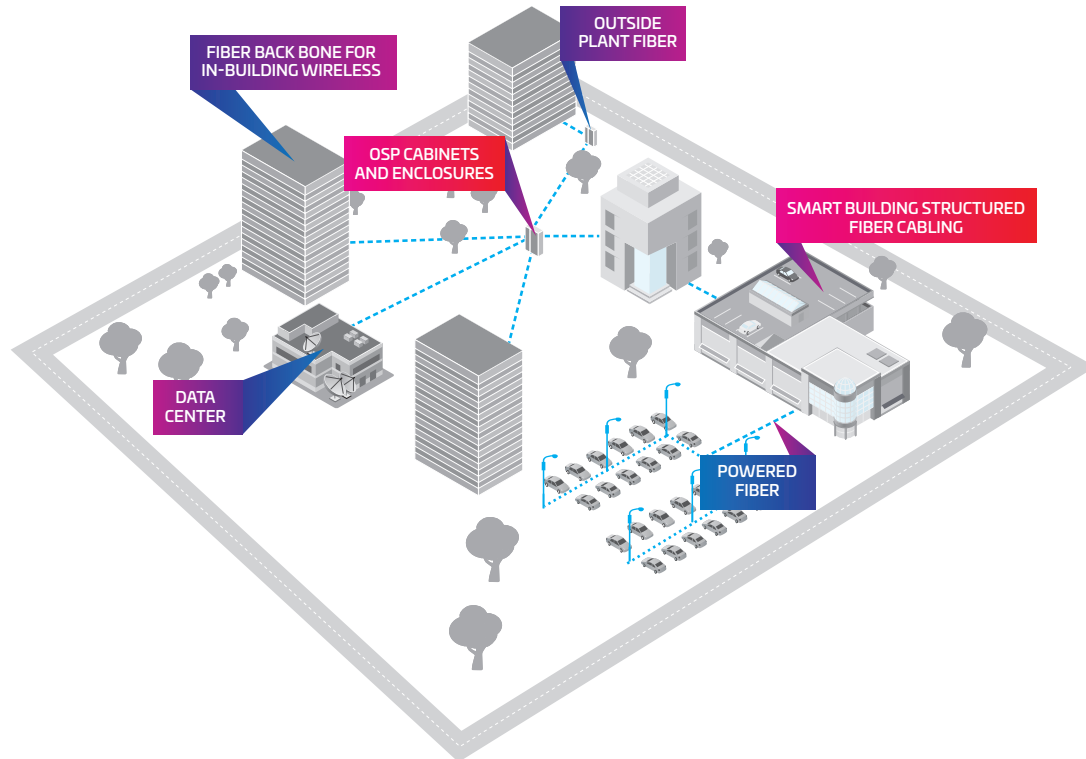
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# Campus fiber solutions

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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<sup>®</sup> 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 that 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 CONNECTOR KITS, TOOL KITS AND ACCESSORIES

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
760243371	MFC-LCF-20-5Y-12-PACK	LC	OM3/4/5	1.6/2.0 mm	Aqua	12/pack
760243372	SFC-LCF-09-8Y-12-PACK	LC-UPC	OS2	0.25/0.9 mm	Blue	12/pack
760243388	SFC-LCF-20-8Y-12-PACK	LC-UPC	OS2	1.6/2.0 mm	Blue	12/pack
760243389	SFC-LCAF-09-8Y-12-PACK	LC-APC	OS2	0.25/0.9 mm	Green	12/pack
760243390	SFC-LCAF-20-8Y-12-PACK	LC-APC	OS2	1.6/2.0 mm	Green	12/pack
760243391	MFC-SCF-09-5Y-12-PACK	SC	OM3/4/5	0.25/0.9 mm	Aqua	12/pack
760243392	MFC-SCF-20-5Y-12-PACK	SC	OM3/4/5	1.6/2.0 mm	Aqua	12/pack
760243393	MFC-SCF-30-5Y-12-PACK	SC	OM3/4/5	3.0 mm	Aqua	12/pack
760243394	SFC-SCF-09-8Y-12-PACK	SC-UPC	OS2	0.25/0.9 mm	Blue	12/pack
760243395	SFC-SCF-20-8Y-12-PACK	SC-UPC	OS2	1.6/2.0 mm	Blue	12/pack
760243396	SFC-SCF-30-8Y-12-PACK	SC-UPC	OS2	3.0 mm	Blue	12/pack
760243397	SFC-SCAF-09-8Y-12-PACK	SC-APC	OS2	0.25/0.9 mm	Green	12/pack
760243398	SFC-SCAF-20-8Y-12-PACK	SC-APC	OS2	1.6/2.0 mm	Green	12/pack
760243399	SFC-SCAF-30-8Y-12-PACK	SC-APC	OS2	3.0 mm	Green	12/pack
760243402	Qwik-Fuse Termination Tool Kit, LC, SC (for splice-on connector termination)					
760243403	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					

# Campus Fiber Solutions



## QWIK-FUSE MPO CONNECTOR KITS

Material ID	Description	Connector	Fiber	Cable	Housing color	Package
<a href="#">760251300</a>	MFC-12MX-5SP-30-AQ	MPO-PC, pinned	OM3/4/5	12f round, 3.0 mm	Aqua	Single
<a href="#">760251299</a>	MFC-12MP-5SP-30-AQ	MPO-PC, unpinned	OM3/4/5	12f round, 3.0 mm	Aqua	Single
<a href="#">760251302</a>	SFC-12MX-8SP-30-GR	MPO-APC, pinned	OS2	12f round, 3.0 mm	Green	Single
<a href="#">760251301</a>	SFC-12MP-8SP-30-GR	MPO-APC, unpinned	OS2	12f round, 3.0 mm	Green	Single
<a href="#">760251294</a>	MFC-12MX-5SP-RN-AQ	MPO-PC, pinned	OM3/4/5	12f ribbon, no jacket	Aqua	Single
<a href="#">760251293</a>	MFC-12MP-5SP-RN-AQ	MPO-PC, unpinned	OM3/4/5	12f ribbon, no jacket	Aqua	Single
<a href="#">760251292</a>	MFC-12MX-5SP-RC-AQ	MPO-PC, pinned	OM3/4/5	12f ribbon, with jacket	Aqua	Single
<a href="#">760251291</a>	MFC-12MP-5SP-RC-AQ	MPO-PC, unpinned	OM3/4/5	12f ribbon, with jacket	Aqua	Single
<a href="#">760251298</a>	SFC-12MX-8SP-RN-GR	MPO-APC, pinned	OS2	12f ribbon, no jacket	Green	Single
<a href="#">760251297</a>	SFC-12MP-8SP-RN-GR	MPO-APC, unpinned	OS2	12f ribbon, no jacket	Green	Single
<a href="#">760251296</a>	SFC-12MX-8SP-RC-GR	MPO-APC, pinned	OS2	12f ribbon, with jacket	Green	Single
<a href="#">760251295</a>	SFC-12MP-8SP-RC-GR	MPO-APC, unpinned	OS2	12f ribbon, with jacket	Green	Single

## QWIK-FUSE MPO TOOL KITS AND ACCESSORIES

Material ID	Description
<a href="#">760188698</a>	Qwik MPO connector termination tool kit (Includes: Assembly platform, ferrule holder, jacket stripper/slitting tool, ribbonizing tool, ribbonizing glue, magnifier, marker, instructions, and soft case)

# Campus Fiber Solutions

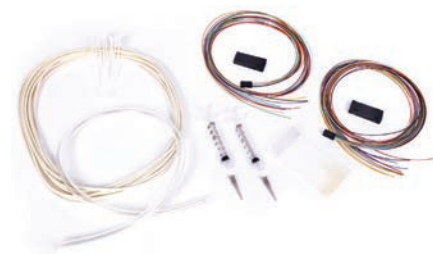


## QWIK II CONNECTORS AND TOOL KITS

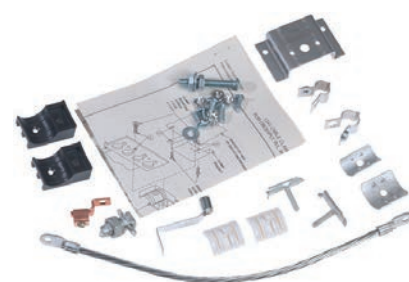
Material ID	Description	Connector	Fiber	Cable	Housing color	Package
760117887	MFC-LCF-09-5X	LC	OM3/4/5	0.25/0.9 mm	Aqua	Single
760117911	MFC-LCF-09-5X-25-PACK	LC	OM3/4/5	0.25/0.9 mm	Aqua	25/pack
760242343	MFC-LCF-UNV-5X*	LC	OM3/4/5	0.25/0.9/2.0/3.0 mm	Aqua	Single
760117903	MFC-LCF-09-6X	LC	OM1	0.25/0.9 mm	Beige	Single
760117937	MFC-LCF-09-6X-25-PACK	LC	OM1	0.25/0.9 mm	Beige	25/pack
760117895	SFC-LCF-09-8X	LC-UPC	OS2	0.25/0.9 mm	Blue	Single
760117929	SFC-LCF-09-8X-25-PACK	LC-UPC	OS2	0.25/0.9 mm	Blue	25/pack
760242344	SFC-LCF-UNV-8X*	LC-UPC	OS2	0.25/0.9/2.0/3.0 mm	Blue	Single
760184697	SFC-LCF-09-8A-25-PACK	LC-APC	OS2	0.25/0.9 mm	Green	25/pack
760242345	SFC-LCAF-UNV-8X*	LC-APC	OS2	0.25/0.9/2.0/3.0 mm	Green	Single
760117945	MFC-SCF-09-5X	SC	OM3/4/5	0.25/0.9 mm	Aqua	Single
760117978	MFC-SCF-09-5X-25-PACK	SC	OM3/4/5	0.25/0.9 mm	Aqua	25/pack
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
760117994	MFC-SCF-09-6X-25-PACK	SC	OM1	0.25/0.9 mm	Beige	25/pack
760117952	SFC-SCF-09-8X	SC-UPC	OS2	0.25/0.9 mm	Blue	Single
760117986	SFC-SCF-09-8X-25-PACK	SC-UPC	OS2	0.25/0.9 mm	Blue	25/pack
760242347	SFC-SCF-UNV-8X*	SC-UPC	OS2	0.25/0.9/2.0/3.0 mm	Blue	Single
760184689	SFC-SCF-09-8A-25-PACK	SC-APC	OS2	0.25/0.9 mm	Green	25/pack
760242348	SFC-SCAF-UNV-8X*	SC-APC	OS2	0.25/0.9/2.0/3.0 mm	Green	Single
760242377	KIT - QWIK II - Tool Kit, for termination of Qwik II connectors					
760242378	KIT - QWK II PREMIUM - Tool Kit, for termination of Qwik II connectors, Includes precision cleaver and VFL					



ANAEROBIC FIBER OPTIC CONNECTORS AND TOOL KITS		
Material ID	Product Number	Description
760034181	MFC-LCR-09	MM LC pre-radius connector for use on 900µm buffered fiber, single pack
760034199	SFC-LCR-09	SM LC pre-radius connector for use on 900µm buffered fiber, single pack
760007070	MFC-SCR-09	MM SC connector for use on 900µm buffered fiber, single pack
760007112	SFC-SCR-09	SM SC connector for use on 900µm buffered fiber, single pack
700005838	KIT-1032H TOOL P2020CC C	Anaerobic tool kit
760000810	EZ ADHESIVES KIT	Consumables Kit, Anaerobic
760053207	CONSUMABLE KIT	Cleaning Consumables Kit, Fiber Optic



FIBER BREAK-OUT KITS	
Material ID	Description
760018820	6 Fiber Breakout kit, loose tube, 24 inch, indoor
760018838	12 Fiber Breakout kit, loose tube, 24 inch, indoor
108459488	2 x 12 Fiber Breakout Kit, outside plant, gel blocking



FIBER CABLE CLAMPS		
Material ID	Product Number	Description
700025653	12A2 Clamp	Grounding Clamp Kit, non-metallic sheath cable
700025513	12A1 Clamp	Grounding Clamp Kit, metallic sheath cable

# Campus Fiber Solutions



EPX-1U-MOD-OPEN-FX



EPX-1U-MOD-ENC-FX



EPX-2U-MOD-ENC-FX



EPX-1U-MOD-ENC



EPX-2U-MOD-ENC

## EPX PANELS

Series	Density	Concept	Material ID	Description
EPX	96 LC/RU 32 MPO/RU	Open Fixed	760251098	EPX-1U-MOD-OPEN-FX
		Fixed	760251042	EPX-1U-MOD-ENC-FX
			760251046	EPX-2U-MOD-ENC-FX
			760251050	EPX-4U-MOD-ENC-FX
		Sliding	760249998	EPX-1U-MOD-ENC
			760251044	EPX-2U-MOD-ENC
			760251048	EPX-4U-MOD-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
760248903	WB2-EMT-8P-MOD	Wall Mount Panel configured for eight G2 Style modules, splice cassettes or adapter packs





G2-SP-12LCX-PT

SPLICE CASSETTES WITH PIGTAILS		
Multimode		
Material ID	Product Number	Description
760244927	G2-SP-24LCX-PT	Splicing cassette, 24LC, OM4, pigtail
760244928	G2-SP-24LCX-RPT	Splicing cassette, 24LC, OM4, ribbon pigtail
760245398	G2-SP-24LCV-PT	Splicing cassette, 24LC, OM5, pigtail
760245399	G2-SP-12LCX-PT	Splicing cassette, 12LC, OM4, pigtail
760245403	G2-SP-12LCV-PT	Splicing cassette, 12LC, OM5, pigtail
760245400	G2-SP-12LCX-RPT	Splicing cassette, 12LC, OM4, ribbon pigtail
Singlemode		
760244929	G2-SP-24LCG-PT	Splicing cassette, 24LC, singlemode, pigtail
760244930	G2-SP-24LCG-RPT	Splicing cassette, 24LC, singlemode, ribbon pigtail
760245401	G2-SP-12LCG-PT	Splicing cassette, 12LC, singlemode, pigtail
760245402	G2-SP-12LCG-RPT	Splicing cassette, 12LC, singlemode, ribbon pigtail



G2-SP-12LC

SPLICE CASSETTES WITHOUT PIGTAILS		
Material ID	Product Number	Description
760245494	G2-SP-24LC	Splicing cassette, 24LC, no pigtail
760245495	G2-SP-12LC	Splicing cassette, 12LC, no pigtail
760245496	G2-SP-12SC	Splicing cassette, 12SC, no pigtail
760245497	G2-SP-0000	Splicing cassette, no adapter, no pigtail

# Campus Fiber Solutions



360DPis-24LC-SM



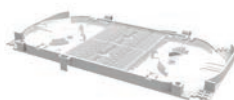
360DP-12SC-SM



1000-360-ADPT-BRKT-KIT

## ADAPTER PANELS FOR RACK MOUNT OR WALL MOUNT PANELS

Singlemode LC		
760216762	360DPis-24LC-SM	360 Distribution Adapter Pack 24 LC with internal shutters, Singlemode Blue
760230946	360DPis-12LC-SM	360 Distribution Adapter Pack 12 LC with internal shutters, Singlemode Blue
760216796	360DPis-24LC-SM	360 Distribution Adapter Pack 24 LC with internal shutters, Singlemode Blue
760216770	360DPis-24LCA-SM	360 Distribution Adapter Pack 24 LC with internal shutters, APC Singlemode Green
760230961	360DPis-12LCA-SM	360 Distribution Adapter Pack 12 LC with internal shutters, APC Singlemode Green
Singlemode SC		
760135087	360DP-12SC-SM	360G2 Singlemode Distribution Adapter Pack 12 SC, Blue
760109413	360DP-6SC-SM	360G2 Singlemode Distribution Adapter Pack 6 SC, Blue
760109769	360DP-6SCA-SM	360G2 Singlemode Distribution Adapter Pack 6 SC, Angled Green
760135095	360DP-12SCA-SM	360G2 Singlemode Distribution Adapter Pack 12 SC, Angled Green
Multimode LC		
Material ID	Product Number	Description
760216754	360DPis-24LC-LS	360 Distribution Adapter Pack 12 LC with internal shutters, Multimode OM4 Aqua
760230938	360DPis-12LC-LS	360 Distribution Adapter Pack 12 LC with internal shutters, Multimode OM4 Aqua
760230953	360DPis-12LC-MM	360 Distribution Adapter Pack 12 LC Multimode Gray
760236041	360DPis-24LC-WB	360 Distribution Adapter Pack 24 LC with internal shutters, Multimode OM5 Lime Green
760236043	360DPis-12LC-WB	360 Distribution Adapter Pack 12 LC with internal shutters, Multimode OM5 Lime Green
1000 Style to G2 Adapter		
Material ID	Product Number	Description
760198325	1000-360-ADPT-BRKT-KIT	1000 Style to 360 Adapter Pack Bracket Kit (Kit of 3)



EPX-SPLICE-48



EPX-MF-SPLICE-12

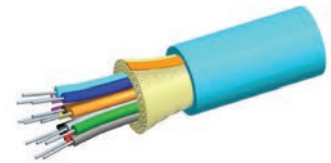


SD-HD-UD-UDS2U-DOOR-LOCK-KIT

## EPX PANEL ACCESSORIES

MID	Product Number	Description
760241378	EPX-SPLICE-48	Splice tray for stranded fiber
760243494	EPX-MF-SPLICE-12	Splice tray for ribbon fiber
760239082	SD-HD-UD-UDS2U-DOOR-LOCK-KIT	Door lock kit

# Campus Fiber Solutions



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.

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
<b>RISER</b>								
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
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
<b>PLENUM</b>								
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
48	700211147	P-048-DS-5L-FMUAQ	760024554	P-048-DS-5K-FMUAQ	760229435	P-048-DS-5G-FMULM	760004382	P-048-DS-8W-FMUYL



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.

INDOOR INTERLOCKING ARMORED								
Fiber Count	OM3		OM4		OM5		Singlemode	
	Material ID	Product Number	Material ID	Product Number	Material ID	Product Number	Material ID	Product Number
<b>RISER</b>								
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
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
<b>PLENUM</b>								
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
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

# Campus Fiber Solutions



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	OM3		OM4		Singlemode	
	Material ID	Product Number	Material ID	Product Number	Material ID	Product Number
<b>RISER</b>						
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



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	OM3		OM4		Singlemode	
	Material ID	Product Number	Material ID	Product Number	Material ID	Product Number
12	760054171	D-012-LN-5L-F12NS	760054288	D-012-LN-5K-F12NS	760053843	D-012-LN-8W-F12NS
24	760054189	D-024-LN-5L-F12NS	760054296	D-024-LN-5K-F12NS	760053850	D-024-LN-8W-F12NS
48	760054205	D-048-LN-5L-F12NS	760054312	D-048-LN-5K-F12NS	760053876	D-048-LN-8W-F12NS
72	760054221	D-072-LN-5L-F12NS	760054338	D-072-LN-5K-F12NS	760053892	D-072-LN-8W-F12NS



OUTDOOR ARMORED						
Fiber Count	OM3		OM4		Singlemode	
	Material ID	Product Number	Material ID	Product Number	Material ID	Product Number
12	760053629	D-012-LA-5L-F12NS	760053736	D-012-LA-5K-F12NS	760053280	D-012-LA-8W-F12NS
24	760053637	D-024-LA-5L-F12NS	760053744	D-024-LA-5K-F12NS	760053298	D-024-LA-8W-F12NS
48	760053652	D-048-LA-5L-F12NS	760053769	D-048-LA-5K-F12NS	760053314	D-048-LA-8W-F12NS
72	760053678	D-072-LA-5L-F12NS	760053785	D-072-LA-5K-F12NS	760053330	D-072-LA-8W-F12NS

# Campus Fiber Solutions



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

ALL-DIELECTRIC (NON-ARMORED)			
Fiber Count	Material ID	Product Number	Description
24	760175588	D-024-LN-CM-F12NS/8W012/5K012	Contains 12 Single Mode and 12 OM4 fibers
24	760141655	D-024-LN-CM-F12NS/8W012/5L012	Contains 12 Single Mode and 12 OM3 fibers
48	760166207	D-048-LN-CM-F12NS/8W024/5K024	Contains 24 Single Mode and 24 OM4 fibers
48	760140731	D-048-LN-CM-F12NS/8W024/5L024	Contains 24 Single Mode and 24 OM3 fibers
72	760229625	D-072-LN-CM-F12NS/8W036/5K036	Contains 36 Single Mode and 36 OM4 fibers
72	760161687	D-072-LN-CM-F12NS/8W036/5L036	Contains 36 Single Mode and 36 OM3 fibers



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

NOTE: Other cable constructions available; contact your Customer Service Representative for more information.

# Campus Fiber Solutions

## Fiber Optic Pigtails Configurator



1	2	3	4	5	6	7	8	9	-	11	12	13	14	-	16
F	A	X	L	C	U	C	0	1	-	M	X	F	0	0	2

### Prefix

1	FA	Pigtail tight buffer
2	FB	Pigtail - Riser SBJ

### Fiber type

	X	LazrSPEED® 550 multimode
3	W	TeraSPEED® singlemode
	V	LazerSPEED® WB OM5

### Connector 1

	LC	LC standard
4	LA	LC angled
5	SC	SC standard
	SA	SC angled

### Connector 2

6	UC	Unconnectorized
7		

### Cordage size

	0	0.9 mm (Tight buffered fiber)
8	1	0.9 mm (Reinforced Buffered Fiber)

### Fiber count

	1	1 fiber
	A	6 fiber pigtail kit BL-WH (1-6)
9	B	6 fiber pigtail kit RD-AQ (7-12)
	C	12 fiber pigtail kit BL-AQ (1-12)

### Jacket color

	A	Blue
	B	Orange
	C	Green
	D	Brown
	E	Slate
	G	Red
11	H	Black
	J	Yellow
	K	Violet
	L	Rose
	M	Aqua
	N	Lime Green
	X	KIT pigtail

### Breakout length

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

### Unit of measurement

13	F	Feet
	M	Meter

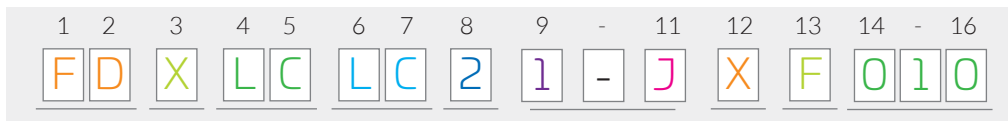
### Length

14	1-66	Feet
-		
16	1-20	Meters

LC keyed fiber pigtails are also available as part of CommScope secure fiber solutions. More information is available [here](#).

# Campus Fiber Solutions

## Fiber Optic Patch Cord Configurator



### Prefix

1	FD	Jumper - plenum
2	FE	Jumper - riser

### Fiber type

	X	LazrSPEED® 550 multimode
3	W	TeraSPEED® singlemode
	V	LazrSPEED® WB OM5

### Connector 1

	LC	LC standard
4	LA	LC angled
5	SC	SC standard
	SA	SC angled

### Connector 2

	LC	LC standard
6	LA	LC angled
7	SC	SC standard
	SA	SC angled

### Cordage size

	2	1.6 mm simplex
8	4	1.6 mm zipcord

### Fiber count

	1	1 fiber
9	2	2 fiber

### Jacket color

	J	Yellow
11	M	Aqua
	N	Lime Green

### Breakout length

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

### Unit of measurement

	F	Feet
13	M	Meter

### Length

14	1-999	Feet
-	1-999	Meters
16		

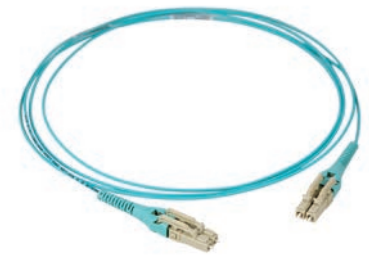
LC keyed fiber patchcords are also available as part of CommScope secure fiber solutions.

More information is available [here](#).

Note: OM5 jumpers are only available in LC to LC.

# Campus Fiber Solutions

## Uniboot Patch Cord Configurator



1	2	3	4	5	6	7	-	8	9	10	11	-	12
U	D	X	LU	LU	6	2	-	M	X	F	0	1	0

### Construction Type

1	U	Ultra low-loss
---	---	----------------

### Cable Family

2	D	Plenum
	F	LSZH/Riser

### Fiber Type

3	G	TeraSPEED singlemode (A2)
	X	LazrSPEED 550 OM4 multimode
	V	LazrSPEED WB multimode (OM5)

### Connector 1

4	LU	LC Uniboot
---	----	------------

### Connector 2

5	LU	LC Uniboot
---	----	------------

### Cordage Size

6	K	1.5mm
	6	2.0mm

### Fiber Count

7	2	2 Fiber
---	---	---------

### Color

8	M	Aqua
	N	Lime Green
	J	Yellow

### Breakout

9	X	No Breakout
---	---	-------------

### Unit of Measurement

10	F	Feet
	M	Meter

### Length

11	2-999	Feet
12	1-999	Meter



# FEC Wall Mount Frame

## Introduction

CommScope's FEC Wall Mount Frame provides splicing, administration and storage for outside plant (OSP) and intrafacility cables (IFC). The cabinets are designed for deployment in a building equipment area and offers a cost-effective, space-saving alternative to splicing on the fiber frame.

Equipped with splice drawers and available in several configurations, the FEC's largest configuration accommodates up to 3456 stranded fibers or 10,368 ribbon fibers. Bend radius protection and discrete subunit routing paths ensure easy access and prevent excess attenuation.

The FEC cabinets accommodates a wide variety of cable types and splicing methods. They are also safety listed in UL file E114344 Volume 4 Section 1.



## PRODUCT OVERVIEW

RECOMMENDED APPLICATIONS	Off-frame splice location for outside plant (OSP) cables to be spliced to intrafacility (IFC) cable
DESCRIPTION	Accommodates multiple fiber splicing requirements with various cabinet sizes
CABLE MANAGEMENT	Superior
ROUTING PATHS	Clear
PHYSICAL PROTECTION	Robust
ACCESS SPLICE POINT	Easy

# FEC Wall Mount Frame

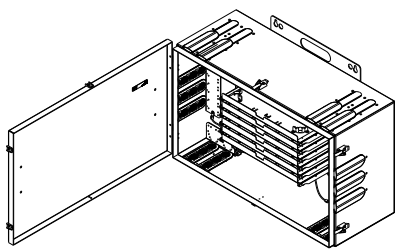
## Ordering guide

DETERMINE THE CABINET CONFIGURATION THAT BEST SUITS YOUR APPLICATION.

Enhanced FEC solutions					Same overall size	Old FEC solutions		
New MID	# of Splice Drawers	Splice Capacity				Dimensions (W x D x H)	Mounting Option	Old MID
		Stranded 2 x 48	Ribbon (Flat or RR) 288	Rollable Ribbon 432				
FEC-6	6	576	1728	2592	32"x13"x20"	Wall Mount	FEC-144	144/432
FEC-12	12	1152	3456	5184	32"x13"x28"	Wall Mount	FEC-288	288/864
FEC-18-RM	18	1728	5184	7776	26"x15"x36"	Rack Mount	FEC-432RM	432/1296
FEC-XL-RM	18	1728	5184	7776	26"x20"x36"	Rack Mount	FEC-432RM	432/1296
FEC-24	24	2304	6912	10368	32"x13"x45"	Wall Mount	FEC-576	576/1728
FEC-36	36	3456	10368	15552	32"x13"x62"	Wall Mount	FEC-864	864/2592
FEC-36	36	3456	10368	15552	32"x13"x62"	Wall Mount	FEC-10K	NA/10368

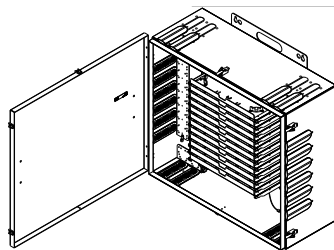
QTY of fibers spliced depends on splice tray capacity.

Example FEC-12: 288 fibers per tray multiplied by 12 trays is 3456 fibers.  
 $288 * 12 = 3456$



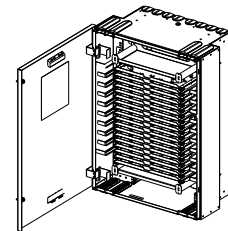
**FEC-6**

- Equipped with 6 drawers
- \* wall and unistrut mount only



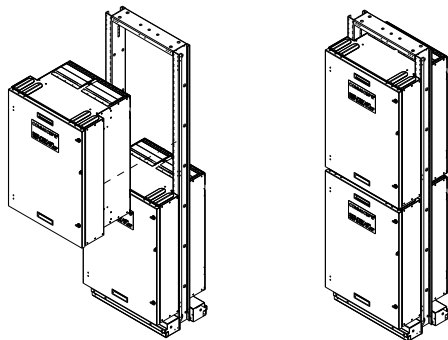
**FEC-12**

- Equipped with 12 drawers
- \* wall and unistrut mount only



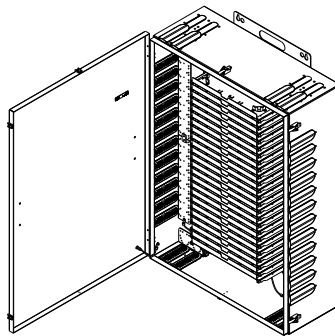
**FEC-18-RM**

- Equipped with 18 drawers
- 23-INCH RACK MOUNT ONLY
- EIA and WECO rack spacing compatible



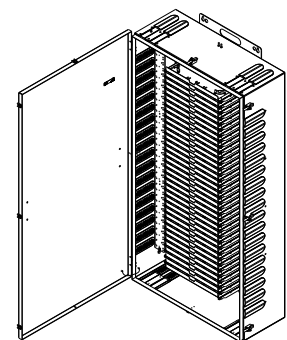
**FEC-XL-RM**

- Equipped with 18 drawers
- 23-INCH RACK MOUNT ONLY
- EIA and WECO rack spacing compatible



**FEC-24**

- Equipped with 24 drawers
- \* wall and unistrut mount only



**FEC-36**

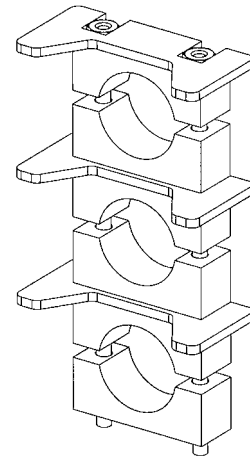
- Equipped with 36 drawers
- \* wall and unistrut mount only

# FEC Wall Mount Frame

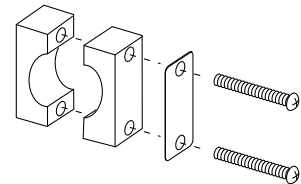
## Accessories

### CABLE CLAMPING KIT

CATALOG NUMBER	DESCRIPTION	QUANTITY
	<b>IFC/OSP cable clamp kit</b> for wall mount configurations. Secure three cables to a single cable entry point on the cabinet. Clamp kits can be separated and used as single clamps.	
OSP-CLPFEC-LG	Cables with a maximum diameter of 10 mm (0.4") to 30 mm (1.2")	3
OSP-CLPFEC	Cables with a maximum diameter of 5 mm (0.2") to 18 mm (0.7")	3
	<b>Individual IFC/OSP cable clamp</b> for wall mount configurations. Secure one cable to a single cable entry point on the cabinet.	
OSP-CLPSST	Cables with a maximum diameter of 5 mm (0.2") to 18 mm (0.7")	1
	<b>Individual IFC/OSP cable clamp</b> for rack or wall mount configurations. Secure one cable to a single cable entry point on the cabinet.	
FEC-ACCCLMP01	Cables with a maximum diameter of 10 mm (0.4") to 30 mm (1.2")	1
	<b>Individual soft IFC only cable clamp</b> for wall mount configurations. Secure one cable to a single cable entry point on the cabinet.	
OSP-CLPSST-IFCL	Cables with a maximum diameter of 20 mm (0.8") to 28 mm (1.1")	1
OSP-CLPSST-IFCS	Cables with a maximum diameter of 5 mm (0.2") to 18 mm (0.7")	1
	Secure one cable to a single cable entry point on the cabinet (kit of 6).	
OSP-CLPFEC-XL	Cables with a maximum diameter of 32mm (1.25") to 38mm (1.5")	6
OSP-CLPFEC-XL-1	Cables with a maximum diameter of 32mm (1.25") to 38mm (1.5")	1



**IFC/OSP Cable Clamp Kit**  
(OSP-CLPFEC-LG Shown)



**Individual IFC/OSP Cable Clamp**  
(OSP-CLPSST Shown)

### SPLICE TRAY

DESCRIPTION	MAX FIBERS SPLICED PER TRAY	MAX TRAYS PER DRAWER	MATERIAL ID	SPLICE SLEEVE PROTECTOR	DIMENSIONS
Heat Shrink Fusion (single fiber fusion)	12	3	FST-HS	FST-ACC001	0.3" x 11.75" x 5" (9 mm x 299 mm x 127 mm)
	24	2	FST-D-HS		0.5" x 11.75" x 5" (14 mm x 299 mm x 127 mm)
	48	2	FST-HS-48		0.5" x 11.75" x 5" (14 mm x 299 mm x 127 mm)
Mass Fusion Ribbon	72	3	FST-MT	FST-ACC006	0.3" x 11.75" x 5" (9 mm x 299 mm x 127 mm)
	144	2	FST-D-MT		0.5" x 11.75" x 5" (14 mm x 299 mm x 127 mm)
	288	1	FST-XD-MT	757849-000 SMOUV-1120-R2/12-02*	0.95" x 11.75" x 5" (24.13 mm x 299 mm x 127 mm)
Rollable Ribbon Mass Fusion	432	1	FST-HD-RR		0.95" x 11.75" x 5" (24.13 mm x 299 mm x 127 mm)

A list of Breakout Kits begins on next page.

# Building Entrance Breakout Kits

## MESH BREAKOUT KITS

Mesh Breakout Kits create a simple and craft friendly installation with a significant reduction in time compared to plastic, transportation tube style breakout kits.

- Supports both standard matrix style ribbon and pliable ribbon fibers.
- Allows for easier routing with reduced congestion.
- Lower cost versus plastic transportation tube style breakout kits.

MID	DESCRIPTOR	DESCRIPTION
760244143	RIBCOUT-1/4-35-144	Cable count 144F - 35 foot
760244150	RIBCOUT-3/8-50-144/288/432/576	Cable counts 144F, 288F, 432F, 576F - 50 foot
760244144	RIBCOUT-3/8-50-864/1152	Cable counts 864F, 1152F - 50 foot
760244145	RIBCOUT-3/8-100-864/1152	Cable counts 864F, 1152F - 100 foot
760244149	RIBCOUT-3/8-75-1728	Cable count 1728F - 75 foot
760244147	RIBCOUT-3/8-125-3456	Cable count 3456 - 125 foot
760244148	RIBCOUT-3/8-150-1728	Cable count 1728F - 150 foot
760244146	RIBCOUT-3/8-300-3456	Cable count 3456 - 300 foot

ACCESSORIES	
NG4-SNKT-BULK	Snap-in Cable Retention Rings (Qty. 40)
NG4-SPCAB-MTBKT	Optional External Trunk Mounting Bracket
NG4-CBOUT-288	Breakout kit 288 fiber cable
NG4-CBOUT-1728	Kit of 6 - 288 fiber breakouts
NG4-CBOUT-BULK	Kit of 24 - 288 fiber breakouts



Commscope Product Line	RIBBON FIBER CABLE COUNT								
	144	288	432	576	864	1152	1728	3456	
Universal Mounted Splice Cabinet	RIBCOUT-3/8-50-144/288/432/576				RIBCOUT-3/8-50-864/1152		RIBCOUT-3/8-75-1728		RIBCOUT-3/8-125-3456
Fiber Entrance Cabinet (FEC) Wall Mount Optical Fiber Splice Cabinet									RIBCOUT-3/8-300-3456
Fiber Entrance Cabinet Floor Mount Optical Fiber Splice Cabinet (OMX)					RIBCOUT-3/8-100-864/1152		RIBCOUT-3/8-150-1728		
SD Series 4RU Optical Fiber Splice Only Panel									
NG4access Optical Fiber Distribution Frame	RIBCOUT-1/4-35-144								

# FOSC 450

## Commonly Requested Closure Kits

FOSC 450 KITS		
Material ID	Product Number	Description
443162-000	FOSC450-A4-4-24-1-T1V	FOSC™ 450 A4 Fiber Optic Splice Closure, Gel Cable sealing, one pre-installed 24-splice tray, 4 cable attachment, tall, 1 ground feedthrough lug, with test valve
467054-000	FOSC450-B6-6-24-1-B3V	FOSC™ 450 B6 Fiber Optic Splice Closure, Gel Cable sealing, one pre-installed 24-splice tray, 6 cable attachment, three ground feedthrough, with test valve
HA967V-000	FOSC450-C6-6-24-1-C3V	FOSC™ 450 C6 Fiber Optic Splice Closure, Gel Cable sealing, one pre-installed 12-splice tray, 6 cable attachment, three ground feedthrough lugs, with test valve
C62943-000	FOSC450-D6-6-72-1-D3V	FOSC™ 450 D6 Fiber Optic Splice Closure, Gel Cable sealing, one pre-installed 72-splice tray, 6 cable attachment, three ground feedthrough lugs, with test valve

TRAY KITS		
Material ID	Product Number	Description
429567-000	FOSC-ACC-A-TRAY-24-KIT	FOSC™ Fiber Optic Splice Tray Kit for 24 fibers
863927-000	FOSC-ACC-B-TRAY-24-KIT	FOSC™ Fiber Optic Tray Kit
RH0202-000	FOSC-ACC-C-TRAY-24 -KIT	FOSC™ Fiber Optic Splice Tray, 24 fibers
915167-000	FOSC-ACC-D-TRAY-72-KIT	FOSC™ D Splice Tray, 6 splice modules, 72-splice capacity

RIBBON TRAY KITS		
Material ID	Product Number	Description
709972-000	FOSC-ACC-A/B-TRAY-12-RBN	FOSC™ Ribbon Fiber Tray
179767-000	FOSC-ACC-C-TRAY-RIBN-24	FOSC™ "C" Splice Tray, 288 fibers
061064-000	FOSC-ACC-D-TRAY-RIBN-24	FOSC™ Ribbon Tray Fiber Kit, D closure, 288 mass fusion capacity, 4 singlemode splice modules

SPLICE PROTECTORS		
Material ID	Product Number	Description
369305-000	SMOUV-1120-01	SMOUV Fiber Optic Splice Heat Shrink Protective Sleeve
757849-000	SMOUV-1120-R2/12-02	SMOUV Fiber Optic Splice Heat Shrink Protective Sleeve for 12 ribbons, 50-pack

ACCESSORIES		
Material ID	Product Number	Description
41606V-000	FAK-MULDRP-45-4W-DRP	FOSC™ Gel Tape Wrap, all FOSC450 closures - 2 or 4 cable capacity, no cable attachments
C82508-000	FOSC-ACC-WALL/POLE-MOUNT	FOSC™ Pole/Wall Closure Mounting

# Powered Fiber Cable System

CommScope's Powered Fiber Cable System simplifies the addition of new small cells, Wi-Fi access points and IP cameras by distributing power and fiber within the same cable. This allows network operators to locate remote devices anywhere they can run fiber cable. What's more, by providing the necessary DC power alongside optical fiber signals, the Powered Fiber Cable System allows networks to deliver low voltage power from a centralized source without the need of installing extra conduits, transformers or remote uninterruptible power supplies (UPS).

POWERED FIBER CABLE	
Description	Part Number
PFC, singlemode, 2F, I/O, 16AWG	<a href="#">PFC-S02L16</a>
PFC, singlemode, 2F, outdoor, 12AWG	<a href="#">PFC-S02O12</a>
PFC, singlemode, 4F, I/O, 12AWG	<a href="#">PFC-S04L12</a>
PFC, singlemode, 4F, I/O, 16AWG	<a href="#">PFC-S04L16</a>
PFC, singlemode, 4F, outdoor, 12AWG	<a href="#">PFC-S04O12</a>
PFC, singlemode, 4F, outdoor, 16AWG	<a href="#">PFC-S04O16</a>
PFC, OM3, 2F, I/O, 16AWG	<a href="#">PFC-302L16</a>
PFC, OM3, 4F, outdoor, 12AWG	<a href="#">PFC-304O12</a>
PFC, OM3, 4F, outdoor, 16AWG	<a href="#">PFC-304O16</a>

POWER SUPPLIES	
Description	Part Number
Power Express Distribution shelf with alarm module	<a href="#">PFP-PX-S1</a>
Power Express Distribution module supports max. 8 Devices	<a href="#">PFP-PX-8M</a>
Power Express Blank Slot Panel	<a href="#">PFP-PX-SF</a>
SPS Rectifier Power Distribution Shelf	<a href="#">PFP-SPS-S1</a>
1600W SPS Power Rectifier module	<a href="#">PFP-SPS-1600M</a>
SPS Rectifier Controller Display	<a href="#">PFP-SPS-C1</a>
SPS Rectifier Blank Slot Panel	<a href="#">PFP-SPS-SF</a>

PoE EXTENDERS	
Description	Part Number
2-port PoE extender	<a href="#">PFU-P-C-O-060-02</a>
60W single port PoE Extender	<a href="#">PFU-P-C-O-060-01</a>



Your customers expect you to have the answers.  
You've got to hustle to keep up. CommScope has your back.



### MyCommScope

My CommScope is the place to go for exclusive Partner training, resources and product information. First time users should visit [www.commscope.com](http://www.commscope.com) and click Log-in on the top right hand corner of the page. After entering your information, you will receive an email with your log-in credentials. Once you are logged in you have access to the following:

#### Partner-Customer Resources

We've created a spot for our Partners to go to retrieve important product information that isn't available to the public. The most important being the Product Discontinuation, EOL and Change Notifications. The information is organized by the month the announcement released.

#### Partner Sales and Enablement Training On-Demand

Looking for valuable Partner Training? The Partner Sales & Enablement Training On-Demand site is a must see! Visit for Tech-on-Demand training videos, recordings of our Design & Engineering Webinar series, access to Marketing tools via Brandfolder and much more!

#### Order Status/Pricing

You can request additional access to these tools from your My CommScope home page to check status on your orders using your purchase order number.



### Resource library

The CommScope Resource Library offers a variety of tools on our website. Need info on standards, warranties or purchasing? Looking for an app, calculator or other tool? Interested in a document, video, webinar or training opportunity? You'll find it at [www.commscope.com/Resources](http://www.commscope.com/Resources).



### Blogs

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Run into a communications term or acronym you're not sure of? Click over to the CommScope Definitions Blog Series for the definition and background you need.



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## Technical Support

Connectivity Solutions

1-800-830-5056

[www.commscope.com/support-tac](http://www.commscope.com/support-tac)

Distributed Coverage and Capacity Solutions

1-888-297-6433

[wisupport@commscope.com](mailto:wisupport@commscope.com)

Active Wireless Products

1-800-255-1479

[AWPNARsupport@commscope.com](mailto:AWPNARsupport@commscope.com)



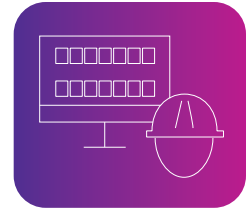
# Support

In support of its extensive fiber optic solutions portfolio, CommScope provides an extensive list of services including:

## PartnerPRO Network

The PartnerPRO Network matches customers who need help with the best solutions and the ideal partners. The network includes independent consultants, integrators, installers, distributors and industry alliances – all trained and certified to deliver CommScope’s broad range of network solutions with superior service.

<https://www.commscope.com/Partners/PartnerPRO-Network/>



## CommScope Infrastructure Academy

The CommScope Infrastructure Academy offers a wide range of courses designed to keep our PartnerPRO network of installers current on the latest technologies for today’s fiber optic, wired and wireless technologies.

<https://www.commscopetraining.com/>



## Fiber Applications Assurance

CommScope offers a suite of tools that simplify the design, deployment and ongoing expansion to support the implementation of fiber connectivity within buildings, campuses and data centers. Based on the applications listed in the CommScope Performance Specifications, detailed topology limits are provided, along with the CommScope guarantee that applications will perform accordingly.

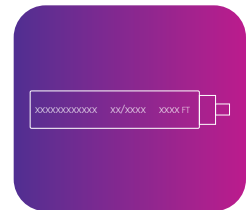
<https://www.commscope.com/assurance/>



## WebTrak:

Unique performance tracking system which provides factory test data for cables by entering the serial number

<https://www.commscope.com/WebTrak/>



## Web-based Applications:

CommScope provides a broad range of web-based applications designed to simplify the implementation and ongoing operation of fiber optic networks. These include the following:

cCatalog™: Mobile version of online catalog, available on multiple device types printed on the outer sheath

cTrak™: Mobile version of WebTrak, available on multiple device types

cCalc™: Mobile version of design tools including link loss calculator

<https://www.commscope.com/Resources/Apps/>



## Warranty:

Complete warranty information

<https://www.commscope.com/Resources/Warranties>





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. Discover more at [commscope.com](https://commscope.com)

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[commscope.com](https://commscope.com)

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