

## CommScope OptiSPEED® Multimode Fiber Solution

The SYSTIMAX® OptiSPEED® Solution was developed to provide fiber optic connectivity for network backbones that is optimised for legacy applications. 62.5 micron multimode fiber provides high-speed links to support low-cost signal transmission up to the TIA standard of 300 meters within a building and up to 2000 meters within a campus for many of today's legacy LAN.

### 1. Product family title: OptiSPEED® Multimode Indoor Fiber Cable

CommScope's OptiSPEED 62.5um fiber provides high speed links to support signal transmission up to 300 metres for 1000BASE-SX Gbps ethernet LAN and up to 600m for 1000BASE-LX, Gbps ethernet LAN applications. The list of fibre cables indicates some typical examples of configurations. Please refer to CommScope online catalog or Price List for more options.

CommScope MID	CommScope Part No.	Product Description
700008477	N-004-DS-6F-FSUOR	LSZH Riser Distribution Cable, single-unit, 4 fiber
700008469	N-006-DS-6F-FSUOR	LSZH Riser Distribution Cable, single-unit, 6 fiber
700008444	N-012-DS-6F-FSUOR	LSZH Riser Distribution Cable, single-unit, 12 fiber
700009293	N-024-DS-6F-FMUOR	LSZH Riser Distribution Cable, 24 fiber multi-unit with 6 fiber subunits
700009103	N-048-DS-6F-FMUOR	LSZH Riser Distribution Cable, 48 fiber multi-unit with 12 fiber subunits

### 2. Product family title: OptiSPEED® Multimode Indoor/Outdoor Fiber Cable

CommScope's OptiSPEED 62.5um fiber provides high speed links to support signal transmission up to 300 metres for 1000BASE-SX Gbps ethernet LAN and up to 600m for 1000BASE-LX, Gbps ethernet LAN applications.

CommScope MID	CommScope Part No.	Product Description
760124685	Z-006-LN-6F-F06BK/20G	LSZH I/O, Single-unit, All-Dielectric Riser Rated Stranded Loose Tube Arid Core® Cable
760111286	Z-012-LN-6F-F12BK/20G	LSZH I/O, Single-unit, All-Dielectric Riser Rated Stranded Loose Tube Arid Core® Cable
760145151	Z-024-LN-6F-F12BK/20G	LSZH I/O, Single-unit, All-Dielectric Riser Rated Stranded Loose Tube Arid Core® Cable

### 3. Product family title: OptiSPEED® Multimode Outdoor Fiber Cable

Outside plant cables are used for standard and rugged outdoor environments. OptiSPEED outdoor cables are typically used for campus applications.

CommScope MID	CommScope Part No.	Product Description
760002683	O-004-LN-6F-F04NS	Single Jacket All-Dielectric Outdoor Cable Arid-Core Construction Stranded Loose Tube
700010614	O-006-CA-6F-F06NS	Central Loose Tube Construction Cable, single jacket single armor

### 4. Product family title: OptiSPEED® Modular Cartridges

The SYSTIMAX Cartridges are used in conjunction with G2 1U, 2U and 4U MOD panel shelves. 12-port LC Cartridges are iPatch Ready.

CommScope MID	CommScope Part No.	Product Description
760109488	360G2 Cartridge 12-LC-MM-BG-Pigtails	360G2 Cartridge 12 LC Beige with Pigtails iPatch Ready
760109264	360G2 Cartridge 12-LC-MM-BG	360G2 Cartridge 12 LC Beige iPatch Ready
760109538	360G2 Cartridge 6-SC-MM-BG-Pigtails A	360G2 Cartridge 6 SC Beige with Pigtails A
760109546	360G2 Cartridge 6-SC-MM-BG-Pigtails B	360G2 Cartridge 6 SC Beige with Pigtails B
760109306	360G2 Cartridge 6-SC-MM-BG	360G2 Cartridge 6 SC Beige
760109629	360G2 Cartridge 6-ST-MM-BG-Pigtails A	360G2 Cartridge 6 ST Beige with Pigtails A
760109637	360G2 Cartridge 6-ST-MM-BG-Pigtails B	360G2 Cartridge 6 ST Beige with Pigtails B

## CommScope OptiSPEED® Multimode Fiber Solution Continued

### 5. Product family title: OptiSPEED® Distribution Panels

The SYSTIMAX Distribution Panels are used in conjunction with G2 1U, 2U and 4U MOD panel shelves, surface mount and raised floor enclosures. The LC modular Distribution Panels are also iPatch Ready.

CommScope MID	CommScope Part No.	Product Description
760115923	360DP-24LC-MM	Distribution Panel 24 LC, OptiSPEED® Beige
760109371	360DP-12LC-MM	Distribution Panel 12 LC OptiSPEED® Beige iPatch Ready
760109405	360DP-6SC-MM	Distribution Panel 6 SC OptiSPEED® Beige
760109439	360DP-6ST-MM	Distribution Panel 6 ST OptiSPEED® Beige

### 6. Product family title: OptiSPEED® Patch Cords

The CommScope Fiber Optic Patch Cords support the connection of the backbone fiber cabling plant to the transceiver/optical electronics. Patch Cords (a.k.a jumpers) are also used to cross-connect segments of cabling infrastructure to another. Please refer to CommScope online catalog or Price List for more options.

CommScope MID	CommScope Part No.	Product Description
FFMLCLC42-BXF010	Fibre Patch Cord LSZH	LC to LC, 1.6mm, LSZH, Duplx, Orange, 10ft
FFMLCSC42-BXF010	Fibre Patch Cord LSZH	LC to SC, 1.6mm, LSZH, Duplx, Orange, 10ft
FFMSCSC42-BXF010	Fibre Patch Cord LSZH	SC to SC, 1.6mm, LSZH, Duplx, Orange, 10ft
FFMSTST42-BXF010	Fibre Patch Cord LSZH	ST to ST, 1.6mm, LSZH, Duplx, Orange, 10ft
FFMLCST42-BXF010	Fibre Patch Cord LSZH	LC to ST, 1.6mm, LSZH, Duplx, Orange, 10ft
FFMSCST42-BXF010	Fibre Patch Cord LSZH	SC to ST, 1.6mm, LSZH, Duplx, Orange, 10ft
FAMLCUCOC-XX	Fibre Pigtail Kit	Pigtail Kit LC-UC 0.9 mm BTW, 12-fiber Kit, Blue - Aqua (1-12)
FAMSCUCOC-XX	Fibre Pigtail Kit	Pigtail Kit SC-UC 0.9 mm BTW, 12-fiber Kit, Blue - Aqua (1-12)
FAMSTUCOC-XX	Fibre Pigtail Kit	Pigtail Kit ST-UC 0.9 mm BTW, 12-fiber Kit, Blue - Aqua (1-12)

## SYSTIMAX 360G2 Modular shelves, Fibre Connectors, Tools & Accessories

### 1. Product family title: SYSTIMAX 360 Modular Fiber Shelves and Panels 1U, 2U & 4U

The SYSTIMAX 360™ G2 fiber shelves are available in 1U, 2U and 4U sizes as well as sliding and fixed settings. The 4U version comes with a shelf assist which facilitates installation and ensures proper U spacing for shelf mounting. The shelf assist fits multiple rack types and supports heavy equipment.

CommScope MID	CommScope Part No.	Product Description
760193763	360G2-1U-MOD-FX	360G2 1U Fixed Modular Cassette Shelf. iPatch Ready
760193771	360G2-1U-MOD-SD	360G2 1U Sliding Modular Cassette Shelf
760193821	360G2-1U-UP-FX	360G2 1U Fixed Faceplate Shelf - accepts one G2 front faceplate
760193839	360G2-1U-UP-SD	360G2 1U Sliding Faceplate Shelf - accepts one G2 front faceplate
760193847	360G2-2U-MOD-FX	360G2 2U Fixed Modular Cassette Shelf
760193854	360G2-2U-MOD-SD	360G2 2U Sliding Modular Cassette Shelf
760193870	360G2-4U-MOD-FX	360G2 4U Fixed Modular Cassette Shelf
760193896	360G2-4U-MOD-SD	360G2 4U Sliding Modular Cassette Shelf

### 2. Product family title: SYSTIMAX 1U, 2U and 4U Shelf Accessories

Rolo Splice Kits for mechanical and fusion splicing to be used with 1U shelves and surface mount enclosures. G2 Faceplate (Adapter) Panels - use with 360G2-1U-UP fixed and sliding shelves.

CommScope MID	CommScope Part No.	Product Description
760039859	RS-2AM-12SF	RoloSplice Kit with 2 mechanical splice trays
760039867	RS-2AF-16SF	RoloSplice Kit with 2 fusion splice trays
760033845	G2-1U-24LC-DPLX-EMT	1U Front Faceplate unpopulated - accepts 24 duplex LC adapters
760033894	G2-1U-12SC-SPLX-EMT	1U Front Faceplate unpopulated - accepts 12 simplex SC adapters
760033878	G2-1U-12SC-DPLX-EMT	1U Front Faceplate unpopulated - accepts 12 duplex SC adapters
760033886	G2-1U-24SC-SPLX-EMT	1U Front Faceplate unpopulated - accepts 24 simplex SC adapters
760033860	G2-1U-24SC-DPLX-EMT	1U Front Faceplate unpopulated - accepts 24 duplex SC adapters
760033910	G2-1U-12ST-SPLX-EMT	1U Front Faceplate unpopulated - accepts 12 simplex ST adapters

### 3. Product family title: CommScope Multimode and Singlemode Fiber Connectors

CommScope EZ Pre-Radiused Connectors offer superior optical performance and reduced installation time designed for field termination into 900 micron fibre, 1.6 mm fibre cordage, multimode and single-mode fibre. The EZ-LC Connector® allows engineers to design optical fiber infrastructures suited to the low loss needs of the High-Speed Data Networks.

CommScope MID	CommScope Part No.	Product Description
760034181	MFC-LCR-09-BG	Behind The Wall Pre-Radiused LC Connector for 0.9 mm Fiber, multimode
760007070	MFC-SCR-09-BG	Behind The Wall Pre-Radiused SC Connector for 0.9 mm Fiber, multimode
700004328	MFC-STU	Pre-Radiused ST II Connector, multimode

### 4. Product family title: CommScope Fiber Adapters

Fibre optic adapters are used in conjunction with the fibre optic panels to ensure proper alignment of the fibres when mating two connectors. The adapters are colour coded for easy fibre identification.

CommScope MID	CommScope Part No.	Product Description
700004880	MFA-SCO2-BG	OptiSPEED® SC Duplex Adapter, Beige, Single Pack
700002355	MFA-LCO2-BG	OptiSPEED® LC Duplex Adapter, Beige, Single Pack
700011133	HFA-STO1	Hybrid-(SM/MM) ST Simpex Adapter, Hex Mounting Nut, Single Pack

### 5. Product family title: CommScope Fibre Tools, Consumables, Accessories

Tools, consumables, accessories.

CommScope MID	CommScope Part No.	Product Description
700005838	1032H	Tool Kit for Anaerobic EZ LC/SC/ST 900um
700006117	D-181755	Buffer Tube Kit
700006257	1AF1-16LG	Fusion Splice Tray pk/10 for Rolo Splice and Splice Wallet
760066977	POLISH PAPER TYPE E	Type E Polishing Paper for cleaning Pre-Radiused Connectors pk/100
700004146	PRIMER-AK001PRM-ST ST CO	Anaerobic EZ Primer, Loctite 7090, 1 ounce
700002181	ADHV-AK001ADH-ST BNDG 4F	Anaerobic EZ Adhesive, Loctite 648 Retaining Compound, 0.34 ounces