

CommScope LazrSPEED® Multimode Fiber Solution

CommScope LazrSPEED® Solution Next generation laser optimized 50µm multimode solution supporting up to 10 Gb/s over 550 meters using 850 nm VCSEL transceivers. CommScope LazrSPEED Solution boosts performance to a blistering 10 Gb/s while reducing costs by eliminating expensive opto-electronics previously needed to achieve 10 Gb/s speeds on multimode fiber. The CommScope LazrSPEED technology was the world's first multimode fiberoptic solution to support 10 Gb/s serial transmission at 850 nanometers at distances up to 550 meters – more than enough to connect an in-building backbone. With this extended reach, single point administration topology becomes a real low cost design alternative and more campus backbones can be supported at 10 Gb/s over a much lower cost multimode alternative to single-mode.

1. Product family title: LazrSPEED® Multimode Indoor Fiber Cable

The LazrSPEED Solution offers 3 fiber choices: LazrSPEED 150 (OM2+) for economical fiber-to-the-desk deployment, supporting 10 Gb/s for 150 meters and 1 Gb/s for up to 800 meters; LazrSPEED 300 (OM3) for building backbone applications supporting 10 Gb/s for 300 meters and 1 Gb/s for up to 1000 meters; LazrSPEED 550 (OM4) for short / medium campus backbone applications supporting 10 Gb/s for 550 meters and 1 Gb/s for up to 1100 meters. CommScope Distribution (Indoor) cables are engineers with three goals in mind - excellent mechanical and optical performance, coupled with superior fire safety ratings. 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
700009848	N-004-DS-5M-FSUAQ	LSZH Riser Distribution Cable, 4 Fiber, Single Unit
700009806	N-006-DS-5M-FSUAQ	LSZH Riser Distribution Cable, 6 Fiber, Single Unit
700009764	N-012-DS-5M-FSUAQ	LSZH Riser Distribution Cable, 12 Fiber, Single Unit
760019091	N-024-DS-5M-FSUAQ	LSZH Riser Distribution cable, 24 Fiber, Single Unit
700009863	N-002-DS-5L-FSUAQ	LSZH Riser Distribution Cable, 2 Fiber, Single Unit
700009822	N-004-DS-5L-FSUAQ	LSZH Riser Distribution Cable, 4 Fiber, Single Unit
700009780	N-006-DS-5L-FSUAQ	LSZH Riser Distribution Cable, 6 Fiber, Single Unit
700009749	N-012-DS-5L-FSUAQ	LSZH Riser Distribution Cable, 12 Fiber, Single Unit
700009707	N-024-DS-5L-FMUAQ	LSZH Riser Distribution Cable, 24 Fiber, Multi Unit with 6 Fiber Sub-units
760019109	N-024-DS-5L-FSUAQ	LSZH Riser Distribution Cable, 24 Fiber, Single Unit
700211121	N-048-DS-5L-FMUAQ	LSZH Riser Distribution cable, 48 Fiber, Multi unit with 12 Fiber Sub-units
760012153	N-006-DS-5K-FSUAQ	LSZH Riser Distribution Cable, 6 Fiber, Single Unit
760012161	N-012-DS-5K-FSUAQ	LSZH Riser Distribution Cable, 12 Fiber, Single Unit
760019117	N-024-DS-5K-FSUAQ	LSZH Riser Distribution Cable, 24 Fiber, Single Unit

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

CommScope Indoor/Outdoor cables offer construction and jacketing design suitable for outside usage yet complying with NEC/CEC riser (OFNR) flame safety standards. This design allows to run cable through the building entrance without having to terminate or splice different cables together, resulting in significant savings of time and labor.

CommScope MID	CommScope Part No.	Product Description
760083378	Z-012-DN-5L-F12BK	Indoor/Outdoor 12-fibre LSZH Central Tube All dielectric LS300
760091843	Z-024-LN-5L-F12BK/20G	Indoor/Outdoor 24-fibre LSZH Loose Tube All Dielectric LS300
760146902	Z-048-LN-5L-F12BK/20G	Indoor/Outdoor 48-fibre LSZH Loose Tube All Dielectric LS300

3. Product family title: LazrSPEED® Multimode Outdoor Fiber Cable

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

CommScope MID	CommScope Part No.	Product Description
700012347	O-006-CN-5L-F06NS	Single Jacket Central Loose Tube All - Dielectric Outdoor Cable
700012354	O-012-CN-5L-F12NS	Single Jacket Central Loose Tube All - Dielectric Outdoor Cable

CommScope LazrSPEED® Multimode Fiber Solution Continued

4. Product family title: LazrSPEED® Modular Cartridges

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

CommScope MID	CommScope Part No.	Product Description
760109256	360G2 Cartridge 12-LC-LS-AQ	360 G2 Cartridge 12 LC LazrSPEED®, Aqua iPatch Ready
760109470	360G2 Cartridge 12-LC-LS-AQ-Pigtails	360 G2 Cartridge 12 LC LazrSPEED®, Aqua with Pigtails iPatch Ready
760109298	360G2 Cartridge 6-SC-LS-AQ	360 G2 Cartridge 6 SC LazrSPEED®, Aqua
760109512	360G2 Cartridge 6-SC-LS-AQ- Pigtails A	360 G2 Cartridge 6 SC LazrSPEED®, Aqua with Pigtails A
760109520	360G2 Cartridge 6-SC-LS-AQ- Pigtails B	360 G2 Cartridge 6 SC LazrSPEED®, Aqua with Pigtails B
760109330	360G2 Cartridge 6-ST-LS-AQ	360 G2 Cartridge 6 ST LazrSPEED®, Aqua
760109603	360G2 Cartridge 6-ST-LS-AQ- Pigtails A	360 G2 Cartridge 6 ST LazrSPEED®, Aqua with Pigtails A
760109611	360G2 Cartridge 6-ST-LS-AQ- Pigtails B	360 G2 Cartridge 6 ST LazrSPEED®, Aqua with Pigtails B

5. Product family title: LazrSPEED® 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. 12-port LC modular Distribution Panels are iPatch Ready.

CommScope MID	CommScope Part No.	Product Description
760115907	360DP-24LC-LS	SYSTIMAX 360 Distribution Panel 24 LC, LazrSPEED®, Aqua
760109363	360DP-12LC-LS	SYSTIMAX 360 Distribution Panel 12 LC, LazrSPEED®, Aqua, iPatch Ready
760134551	360DP-12SC-LS	SYSTIMAX 360 Distribution Panel 12 SC, LazrSPEED®, Aqua
760109397	360DP-6SC-LS	SYSTIMAX 360 Distribution Panel 6 SC, LazrSPEED®, Aqua
760109421	360DP-6ST-LS	SYSTIMAX 360 Distribution Panel 6 ST, LazrSPEED®, Aqua

6. Product family title: LazrSPEED® 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
FFXLCLC42-MXF010	Fibre Patch Cord LSZH	LC to LC, 1.6mm, LSZH, Duplx, Aqua, 10ft
FFXLSC42-MXF010	Fibre Patch Cord LSZH	LC to SC, 1.6mm, LSZH, Duplx, Aqua, 10ft
FFXSC42-MXF010	Fibre Patch Cord LSZH	SC to SC, 1.6mm, LSZH, Duplx, Aqua, 10ft
FFXST42-MXF006	Fibre Patch Cord LSZH	ST to ST, 1.6mm, LSZH, Duplx, Aqua, 6ft
FFXLCST42-MXF010	Fibre Patch Cord LSZH	LC to ST, 1.6mm, LSZH, Duplx, Aqua, 10ft
FFXSCST42-MXF010	Fibre Patch Cord LSZH	SC to ST, 1.6mm, LSZH, Duplx, Aqua, 10ft
FAXLUCUC-XX	Fibre Pigtail Kit	Pigtail Kit 550 LC-UC, 0.9 mm BTW, 12-fiber Kit, Blue - Aqua (1-12)
FAXSCUC-XX	Fibre Pigtail Kit	Pigtail Kit 550 SC-UC, 0.9 mm BTW, 12-fiber Kit, Blue - Aqua (1-12)
FAXSTUC-XX	Fibre Pigtail Kit	Pigtail Kit 550 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, iPatch Ready
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 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 Multimode 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
108622887	MFA-LC02-AQ	LazrSPEED LC Duplex Adapter, Aqua, Single Pack
108622895	MFA-SC02-AQ	LazrSPEED SC Duplex Adapter, Aqua, Single Pack
700011133	HFA-ST01	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