

## CommScope TeraSPEED® Zero Water Peak Single-mode Fiber Solution

The SYSTIMAX® TeraSPEED® Solution was developed to provide fiber optic connectivity for metro/campus network backbones that is optimised for single mode applications. TeraSPEED cables provide the widest possible usable wavelength spectrum by eliminating the high loss caused by water impurities in the 1,400 nm region. With this “water peak” eliminated, the entire spectrum from 1,260 nm to 1,620 nm is available, allowing for future expansion of data rates and additional services by the use of cost-effective coarse wavelength division multi-plexing (CWDM).

### 1. Product family title: TeraSPEED® Single-mode Indoor Fiber Cable

CommScope TeraSPEED® – 100+ Gb/s full spectrum single-mode fibre solution with added bandwidth capacity in the E-band. TeraSPEED provides connectivity for distances up to 5000 meters in 1000BASE-LX Ethernet/IP LANs. The list of fibre cables indicates some typical examples of configurations. Please refer to CommScope e-catalog or Price List for more options.

CommScope MID	CommScope Part No.	Product Description
760004242	N-006-DS-8W-FSUYL	Low Smoke Zero Halogen Riser Distribution Cable, 6 fiber single-unit
760004267	N-012-DS-8W-FSUYL	Low Smoke Zero Halogen Riser Distribution Cable, 12 fiber single-unit
760004275	N-024-DS-8W-FMUYL	Low Smoke Zero Halogen Riser Distribution Cable, 24 fiber multi-unit with 6 fiber subunits
760004291	N-048-DS-8W-FMUYL	Low Smoke Zero Halogen Riser Distribution Cable, 48 fiber multi-unit with 12 fiber subunits

### 2. Product family title: TeraSPEED® Single-mode Indoor/Outdoor Fiber Cable

CommScope TeraSPEED® – 100+ Gb/s full spectrum single-mode fibre solution with added bandwidth capacity in the E-band. TeraSPEED provides connectivity for distances up to 5000 meters in 1000BASE-LX Ethernet/IP LANs.

CommScope MID	CommScope Part No.	Product Description
760111377	Z-012-DN-8W-F12BK/20G	Indoor/Outdoor 12-fibre LSZH Central Tube All dielectric Arid-Core Drop Cable
760091744	Z-024-LN-8W-F12BK/20G	Indoor/Outdoor 24-fibre LSZH Riser-Rated, Gel-Filled, Stranded Loose Tube Cable
760091769	Z-048-LN-8W-F12BK/20G	Indoor/Outdoor 48-fibre LSZH Riser-Rated, Gel-Filled, Stranded Loose Tube Cable

### 3. Product family title: TeraSPEED® Single-mode Outdoor Fiber Cable

CommScope TeraSPEED® – 100+ Gb/s full spectrum single-mode fibre solution with added bandwidth capacity in the E-band. TeraSPEED provides connectivity for distances up to 5000 meters in 1000BASE-LX Ethernet/IP LANs.

CommScope MID	CommScope Part No.	Product Description
760146803	O-012-LA-8W-F12NS/20T	Mini Single Jacket Single Armor All-Dielectric Outdoor Stranded Loose Tube Arid-Core® Construction Cable
760100685	O-024-LN-8W-F12NS/20T/HTS	Mini Double Jacket All-Dielectric, High Tensile Strength, Gel-Filled, Outdoor Stranded Loose Tube Cable

### 4. Product family title: TeraSPEED® 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
760109272	360G2 Cartridge 12-LC-SM-BL	360G2 Cartridge 12 LC TeraSPEED® Blue iPatch Ready
760109496	360G2 Cartridge 12-LC-SM-BL-Pigtails	360G2 Cartridge 12 LC TeraSPEED® Blue with Pigtails iPatch Ready
760109314	360G2 Cartridge 6-SC-SM-BL	360G2 Cartridge 6 SC TeraSPEED® Blue
760109553	360G2 Cartridge 6-SC-SM-BL-Pigtails A	360G2 Cartridge 6 SC TeraSPEED® Blue with Pigtails A
760109561	360G2 Cartridge 6-SC-SM-BL-Pigtails B	360G2 Cartridge 6 SC TeraSPEED® Blue with Pigtails B
760109355	360G2 Cartridge 6-ST-SM-BL	360G2 Cartridge 6 ST TeraSPEED® Blue
760109645	360G2 Cartridge 6-ST-SM-BL-Pigtails A	360G2 Cartridge 6 ST TeraSPEED® Blue with Pigtails A
760109652	360G2 Cartridge 6-ST-SM-BL-Pigtails B	360G2 Cartridge 6 ST TeraSPEED® Blue with Pigtails B
760109280	360G2 Cartridge 12-LCA-SM-GR	360G2 Cartridge 12 LC Angled TeraSPEED® Green iPatch Ready
760109504	360G2 Cartridge 12-LCA-SM-GR-Pigtails	360G2 Cartridge 12 LC Angled TeraSPEED® Green with Pigtails iPatch Ready
760109322	360G2 Cartridge 6-SCA-SM-GR	360G2 Cartridge 6 SC Angled TeraSPEED® Green
760109579	360G2 Cartridge 6-SCA-SM-GR-Pigtails A	360G2 Cartridge 6 SC Angled TeraSPEED® Green with Pigtails A
760109587	360G2 Cartridge 6-SCA-SM-GR-Pigtails B	360G2 Cartridge 6 SC Angled TeraSPEED® Green with Pigtails B

### 5. Product family title: TeraSPEED® 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
760115915	360DP-24LC-SM	SYSTIMAX 360 Distribution Panel 24 LC, TeraSPEED® Blue
760109389	360DP-12LC-SM	SYSTIMAX 360 Distribution Panel 12 LC TeraSPEED® Blue iPatch Ready
760135087	360DP-12SC-SM	SYSTIMAX 360 Distribution Panel 12 SC, TeraSPEED® Blue
760109413	360DP-6SC-SM	SYSTIMAX 360 Distribution Panel 6 SC TeraSPEED® Blue
760109447	360DP-6ST-SM	SYSTIMAX 360 Distribution Panel 6 ST TeraSPEED® Blue
760115931	360DP-24LCA-SM	SYSTIMAX 360 Distribution Panel 24 LC APC, TeraSPEED® Green
760109751	360DP-12LCA-SM	SYSTIMAX 360 Distribution Panel 12 LC Angled TeraSPEED® Green iPatch Ready
760135095	360DP-12SCA-SM	SYSTIMAX 360 Distribution Panel 12 SC, Angled TeraSPEED® Green
760109769	360DP-6SCA-SM	SYSTIMAX 360 Distribution Panel 6 SC Angled TeraSPEED® Green

### 6. Product family title: TeraSPEED® 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
FFWLCLC42-JXF010	Fibre Patch Cord LSZH	LC to LC, 1.6mm, LSZH, Duplx, Yellow, 10ft
FFWLCSC42-JXF010	Fibre Patch Cord LSZH	LC to SC, 1.6mm, LSZH, Duplx, Yellow, 10ft
FFWSCSC42-JXF010	Fibre Patch Cord LSZH	SC to SC, 1.6mm, LSZH, Duplx, Yellow, 10ft
FFWSTST42-JXF010	Fibre Patch Cord LSZH	ST to ST, 1.6mm, LSZH, Duplx, Yellow, 10ft
FFWLCST42-JXF010	Fibre Patch Cord LSZH	LC to ST, 1.6mm, LSZH, Duplx, Yellow, 10ft
FFWSCST42-JXF010	Fibre Patch Cord LSZH	SC to ST, 1.6mm, LSZH, Duplx, Yellow, 10ft
FAWLCUCOC-XX	Fibre Pigtail Kit	Pigtail LC-UC, 0.9 mm BTW, 12-fiber Kit, Blue - Aqua (1-12)
FAWSCUCOC-XX	Fibre Pigtail Kit	Pigtail SC-UC, 0.9 mm BTW, 12-fiber Kit, Blue - Aqua (1-12)
FAWSTUCOC-XX	Fibre Pigtail Kit	Pigtail 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 Faceplate Fixed Shelf - accepts one G2 front faceplate
760193839	360G2-1U-UP-SD	360G2 1U Faceplate Sliding 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-00	1U Front Faceplate, unpopulated - accepts 12 simplex ST adapters

### 3. Product family title: CommScope Single-mode 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
760034199	SFC-LCR-09-BL	Behind The Wall Pre-Radiused LC Connector for 0.9 mm Fiber, single-mode
760007112	SFC-SCR-09-BL	Behind The Wall Pre-Radiused SC Connector for 0.9 mm Fiber, single-mode
700011067	SFC-STU	Pre-Radiused ST II Connector, single-mode

### 4. Product family title: CommScope Single-mode 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
700002215	SFA-LC02-BL	TeraSPEED® LC Duplex Adapter, Blue, Single Pack
700004815	SFA-SC02-BL	TeraSPEED® SC Duplex Adapter, Blue, Single Pack
700011133	HFA-ST01	Hybrid-(SM/MM) ST Simpex Adapter, Hex Mounting Nut, Single Pack

### 5. Product family title:

Tools and accessories.

CommScope MID	CommScope Part No.	Product Description
700005838	1032H	Tool Kit for Anaerobic EZ LC/SC/ST 900um
700006117	D-181755	PVC Buffer Tube Kit
700006257	IAMF1-16LG	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