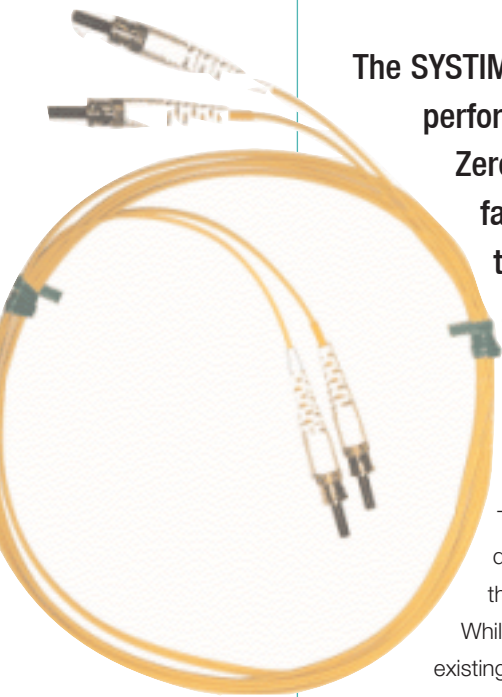


SYSTIMAX[®]

SOLUTIONS

SYSTIMAX[®] TeraSPEED[™] Zero Water Peak Fiber-Optic Patch Cords



The SYSTIMAX[®] TeraSPEED[™] fiber patch cord family supports the enhanced high-performance system level requirements designed into the new TeraSPEED Zero Water Peak singlemode (ZWP-SM) cabling solution. The TeraSPEED family of fiber patch cords is configurable with standard LC, SC, and ST, terminations, and is available in either 1.6mm or 3.0mm simplex or zipcord. Using our new feature configuration ordering process for fiber patch cords, any length can be custom configured in either feet or meters, in increments of 1 foot or 1 meter, providing the ultimate in flexibility to meet any cabling infrastructure design.

The TeraSPEED ZWP-SM fiber is a dispersion-unshifted fiber, which meets the ITU-T G.652c requirements.

While this fiber is fully capable of handling existing and legacy singlemode applications that traditionally operate in the 1310 nm and 1550 nm transmission regions, it is also designed to

handle the new and emerging applications that utilize the "Extended" E-band, 1360 nm to 1460 nm.

Therefore, this fiber is the defacto choice for 16-channel Course Wavelength Division Multiplexing applications, delivering optimum performance from 1265 nm to 1625 nm.

Features and Benefits

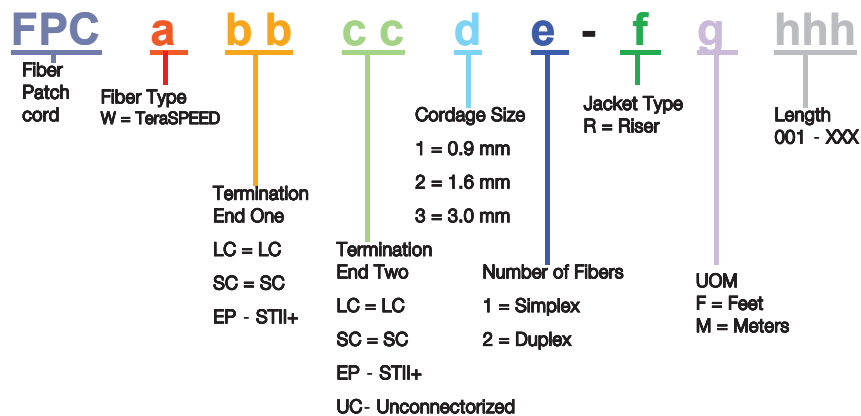
- 60% increase in usable bandwidth with TeraSPEED Zero Water Peak Singlemode
- Support for a wide variety of applications, including CWD
- Available 1.6mm cordage makes these the smallest cords in the industry
- Double the density in panels/shelves/outlets, when configured with the LC connector
- Pull-proof connector designs prevent unintended disconnect
- Distinctive color-coding for positive identification

SYSTIMAX[®] Structured Connectivity Solutions

Physical Specifications

Fiber Type:	TeraSPEED ZWP-SM			
Maximum Attenuation:	.70 dB/km @ 1310nm			
	.70 dB/km @ 1383 (+3nm)			
	.70 dB/km @ 1550nm			
Complies with:	TIA/EIA 568b.3			
Outside Diameter (simplex):	1.6mm	3.0mm		
Minimum Cable Retention Strength lbs. (N):	11.24 (50)	11.24 (50)		
Outside Diameter (zip cord):	1.6mm x 3.3mm		3.0mm x 5.9mm	
	Loaded	Unloaded	Loaded	Unloaded
Min. Bend Radius in.(cm):	2.0 (5.1)	1.4 (3.5)	2.3 (5.8)	1.4 (3.5)
Maximum Cordage	Short Term	Long Term	Short Term	Long Term
Tensile Load lbs.(N):	70 (311)	21 (93)	90 (400)	27 (120)
Connector:	LC	ST	SC	
Min. Return Loss:	.55dB	.50dB	.50dB	
Insertion Loss (max):	<.25dB	<.50dB	<.50dB	
Insertion Loss (avg):	.10dB	.30dB	.30dB	
Mating Durability:	500			
Operating Temp. Range:	-40c to +75c			

Ordering Information



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Example: FPCWLCLC22-RF007 =
A 7 foot LC to LC, 1.6mm Riser Rated duplex zipcord

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