rapidconnect Fibre Optic MTP® Elite and Low Loss MPO Multifibre Trunk Cables

rapidconnect
BY ANDERSON

MTP® Elite and Low Loss MPO Multifibre Trunk Cables

MTP® Elite and Low Loss MPO multifibre trunk cables use Corning bend insensitive glass to provide optimum performance in tight installation environments.

Trunk cables are offered in 12 or 24 fibre, Single Mode or Multi Mode, male or female MPO/MTP and Type A, B or C polarity.

Trunks cables are made to order to satisfy the exact requirements of your installation.

The MTP connector is a high performance MPO connector which has superior optical and mechanical performance when compared to generic MPO connectors. The MTP connector has a floating internal ferrule which allows two mated ferrules to maintain contact while under load. The Low Loss MPO is a high-quality generic industry standard connector for the cost conscious without sacrificing overall network performance.

MTP® Elite and Low Loss MPO multifibre trunk cables when coupled with MTP/MPO fibre optic cassettes are a plug and play solution that saves time and installation cost. MTP® Elite is a trademark of USCONEC

Our products meet the requirements of IEC 61754-7, TIA/EIA 604-5, and Telcordia GR-1435-CORE Issue 2 standards. Additionally, they adhere to fire resistance specifications, ensuring low smoke emissions (IEC 61034), halogen-free materials (IEC 60754-1), flame retardance (IEC 60332-1-2), and corrosion resistance (IEC 60754-2).

Features and Benefits

Easy to bid	Premanufactured systems eliminates installation variables
Fast and easy to install	Minimized installation labor cost
Secure	Fragile components encased and protected
Flexible	Easily change connector types now and in the future
Pre-terminated	Eliminates cost of multi-step epoxy/polish procedure
Custom Built	Custom lengths eliminates wasted cable
Ready for next generation networks	Meets gigabit ethernet specifications

Technical Specifications

Characteristics	Multimode (at 850/1300nm)			Singlemode (at 1310/1550nm)
	62.5/125	50/125	50/125 10 GigE*	
Bandwidth (MHz*KM)	>200/500 LED BW	>500/500 LED >700/500 LED OFL BW >850 EMB @10Gb/s		
Fibre attenuation (dB/KM)	3.5/1.0	3.5/1.5 3.5/1.5		0.4/0.3
Connector insertion loss	0.2 dB typical, o.5 dB max			0.2 dB typical, 0.5 dB max
Reflectance	< - 20 db			< - 65 dB
Durability	1000 Rematings: <0.2 dB change			1000 Rematings: <0.3 dB change
Operating temperature	-40 to +70 degrees (c)			-40 to +70 degrees (c)
Length	Length as defined in P/N, XX meters. Tolerance : 0 to 4.9M - +5/-0cm, >5.0M - +20/-0cm. Distribution cables include a ribbon transition and 23 cm of spiral wrapped jacketed ribbon on each end included in length			

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