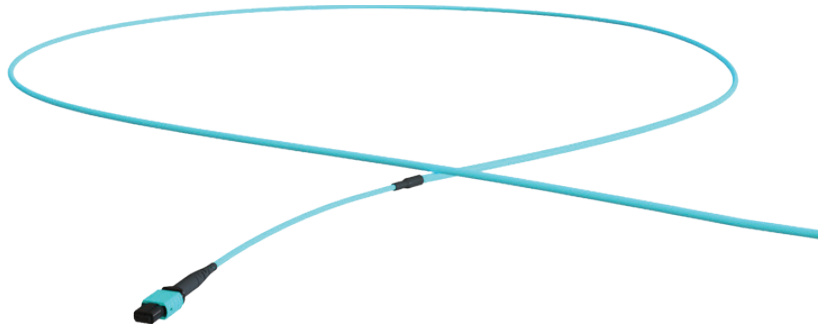




Setting the Standards

MPO/MTP Ruggedized Pigtail



Description

The Oxin MPO/MTP ruggedized pigtail enables rapid deployment of a high density backbone / horizontal cabling, this reduces installation time and cost.

The small footprint of the MPO/MTP interface simplifies and reduces the amount of front patch panel adaptor space compared to traditional discrete connectors. The ruggedized 3/5mm construction allows for longer pigtail lengths enabling splice management to be located outside the patch panel racks. These MPO/MTP pigtail assemblies feature colour coded fibers for easy splice identification. The MPO/MTP interface is compatible with next generation networks and parallel optics protocols, making any network utilizing this product future proof.

Features

1. Multifiber MPO/MTP connector interface
2. Fibers are colour coded as per IEC 60304 MPO/MTP interface
3. OS2/1, OM3, OM4 fiber grades (OM1 and OM2 available)
4. Ruggedized 3/5mm Microcable pigtail construction with 250µm fibers in 3mm tube.
5. Low smoke zero halogen LSZH, Plenum OFNP, Riser OFNR buffer
6. Factory terminated and tested

Applications

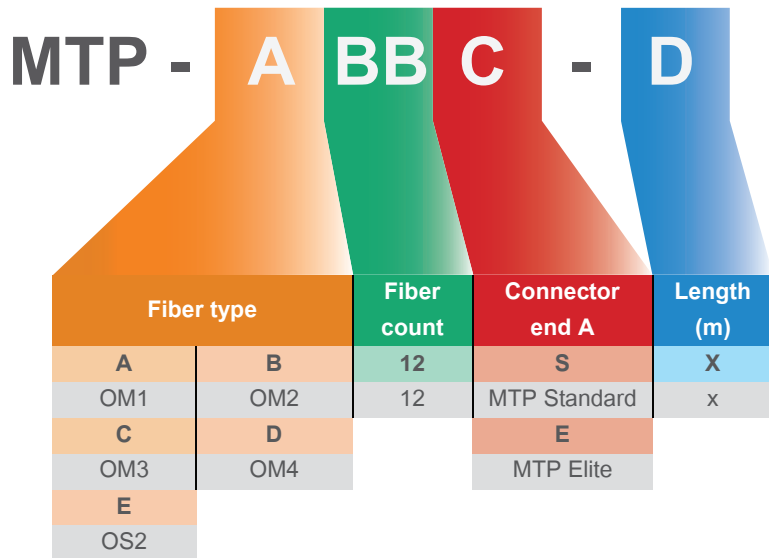
- Telecom and datacom application
- Patch panels, wall boxes, ODFs and splice cassettes
- Supports high speed multi-channel video, data and voice services in metropolitan and access networks
- ATM, SONET and WDM, ETHERNET, FIBER CHANNEL

Standards

Compliance

- TIA/EIA-568-C.3 and ISO/IEC 11801
 - IEC-61754-7 & EIA/TIA-604-5
 - IEC 60332
 - This product conforms to the materials requirements of RoHS2
 - REACH and SvHC
 - IEC-60793
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MPO/MTP Ruggedized Pigtail



Ordering Information	Description	Part Number
	MPO/MTP ruggedized pigtail	MTP-XXXX-X
Packaging	Description	
	Clear poly bag, 1 unit per bag	
Physical Characteristics	Parameter	Value
	Fiber	OS1/OS2, G657A1, OM1, OM2, OM3, OM4
	MTP Terminations	MTP® 12 Fiber Ferrule US Conec Boot Colour: Black Body Sleeve Colour: MM (Beige), MM Elite (Aqua), SM (Green), SM Elite (Yellow)
	Cable Diameter	Micro Cable Trunk Max OD 12 cores 4.5 ± 0.3 mm
	Crush Resistance	1000N/100mm
	Cable Tensile Strength	12 Cores Double Jacket 4.5mm OD (Short/Long) 400N/160N
	Cable Strength Member	Aramid
Mechanical Characteristics	Parameter	Value
	Operating temperature	-20 ~ +60°C
	Storage temperature	-40 ~ +70°C
	Installation temperature	-5 ~ +50°C



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MPO Pigtail Data Sheet
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