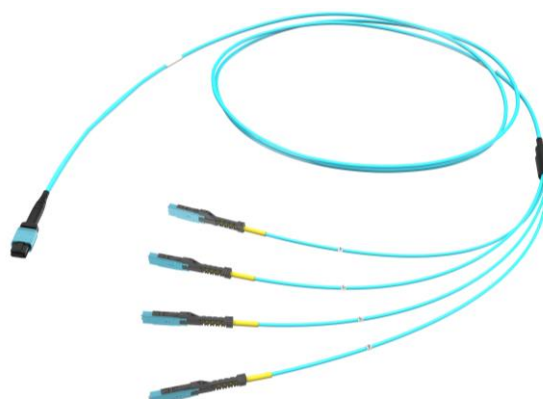


1xMTP(12)/4xMDC 8F CABLE ASSEMBLY

APPLICATIONS

- Data Center;
- Storage Area Network;
- Cross connections between SFP-DD and QSFP-DD;
- Support port breakout architectures for emerging transceiver MSAs



PRODUCT FACTS

High quality cable assembly with Female/Male MTP®(12) connector and MDC® connectors. Own designed Compact Fanout Solution. Customized fanout length. Easy polarity changes without the need for tools and without exposing or twisting delicate fibers. Flexible and robust strain relief push-pull-boot for Insertion and extraction. Cable assemblies with higher fiber count number are available upon request.

PRODUCT SPECIFICATIONS

CABLE PARAMETERS	
Fiber Count	12
Cable Construction	Round cable
Jacket Material	FRNC compound
Jacket Colour	SM Yellow or MM Aqua (OM3)
Fiber Type	SM (OS2) or MM (OM3)
Outer Diameter	3,0 mm
CONNECTORS PARAMETERS	
Interface, Connector A	MTP12(MTP PRO) SM/MM
Interface, Connector B	MDC Sr. SM/MM
Compliance, Connector A	IEC 61754-5, IEC 61754-7-1, IEC 61754-7-2, TIA/EIA 604-5
Compliance, Connector B	Telcordia GR-326, TIA-568
Colour, Connector A	SM Green (APC) or MM Aqua (OM3)
Colour, Connector B	SM Green (APC)/Blue (UPC) or MM Aqua (OM3)
Colour, Boot Connector A	Black (SM, MM PC) or White (MM APC)
Colour, Boot Connector B	Black
Polish type, Connector A	MM Flat (PC) / SM Angled (APC)
Polish type, Connector B	MM Flat (PC) / SM Angled (APC) / SM Flat (UPC)
Insertion Loss, Connector A, max	< 0,30 dB @850/1300 nm for MM; @1310 nm for SM (According to IEC 61300-3-4, Method B)
Insertion Loss, Connector B, max	< 0,25 dB @850/1300 nm for MM; @1310 nm for SM (According to IEC 61300-3-4, Method B)
Return Loss, Connector A, min	> 20 dB @850/1300 nm for MM; > 50 dB @1310/1550 nm for SM (According to IEC 61300-3-6)
Return Loss, Connector B, min	> 20 dB @850/1300 nm for MM PC; > 50 dB @1310/1550 nm for SM UPC; > 60 dB @1310/1550 for SM APC (According to IEC 61300-3-6)
Connector A, quantity	1
Connector B, quantity	4



Polarity	Tx --> Rx
TEMPERATURE RANGE	
Installation	- 5°C +50 °C
Operation	- 10°C +70 °C
Storage	- 25°C +70 °C
IDENTIFICATION	
Traceability label with unique serial number on both ends of cable assembly. Batch and product number with barcode on packaging label.	
PACKAGING	
Each cable assembly in sealed LDPE bag with zip-lock. Main transport package is a cardboard box.	