MPO-12F (Female, APC) to 6x LC Duplex UPC BreakOut OM3

Variants

3M 2M 1M 5M

Details

MPO / MTP Fiber Optic Cable System

Applications

Application	Details
ATM	Asynchronous Transmission Mode (ATM)
Ethernet	Gigabit Ethernet
Interface	Active Devices / Transceiver Interface
Multimedia	CATV, Video and Multimedia
Installation	Premise Installations
Telecom	Telecommunication Networks
Interconnect	Parallel optical interconnect (PC Cards to Patch Panels)
O/E Modules	Interconnection for Optical/Electrical Modules
Industrial Use	Industrial & Military Applications
Switching	Optical Switch Interframe Connections

Features

Feature	Details
Ferrule	Precision molded MT ferrule
Alignment	High precision guide pins for exact alignment
Design	Compact design supporting 4 / 8 / 12 / 24 fibers
Standards	IEC 61754-7, EIA/TIA-604-5 compliant

Specifications

Parameter	LC / SC / ST / FC	MPO / MTP
End Face Type	UPC / APC	PC / APC
Fiber Type	SM (G652, G655, G657) / MM (OM1–OM5)	
Core Number	—	8 / 12 / 24
Cable Diameter	0.9 / 2.0 / 3.0 mm	Round: ?4.5 mm / Ribbon: ?3.0 × 5.0 mm
Insertion Loss	? 0.3 dB	Std: ?0.35/0.7, Low Loss: ?0.2/0.35
Return Loss	UPC SM: ?40dB / APC SM: ?60dB / MM: ?25dB	SM APC: ?60dB / MM PC: ?20dB
Test Wavelength	SM: 1310/1550 nm / MM: 850/1300 nm	
Repeatability	? 0.1 dB	
Durability	? 0.2 dB	
Operating Temperature	-20°C to +70°C	
Storage Temperature	-40°C to +80°C	
Outer Sheath	PVC / LSZH	

Bending Radius	10D / 20D (Static / Dynamic)
Length	Customized

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