

Assemblies

MB12_MPMF_MPMF_O420y_xx.x_LL

MB12_MPMF_MPMF_O420y_xx.x_LL

Properties

- Floating ferrule design optimizing physical contact
- Removable housing for quick gender change and easy re-polishing
- Elliptical guide pin tip to enhance mating abilities



General data	
Assembly family	Base-12 MTP to MTP
Application Area	Indoor
Fiber quantity	12
Polarity	Methode B
Performance specification standard	IEC 61753-1 category C
Flammability rating	UL 94 V-0
Operation temperature	-10 °C ... 60 °C

Side A / Left	
Interface	connectorized
Type	Fiber Optic Connector
Connector family	MTP Pro®
Gender	Female
Performance class H+S	L
Polishing	UPC
Insertion loss max.	≤ 0.35 dB
Insertion loss typical	≤ 0.1 dB
Return loss	≥ 30 dB

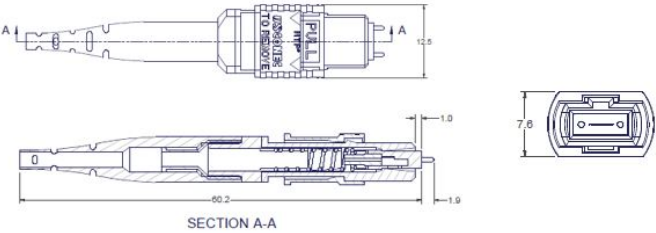
Side B / Right	
Interface	connectorized
Type	Fiber Optic Connector
Connector family	MTP Pro®
Gender	Female
Performance class H+S	L
Polishing	UPC
Insertion loss max.	≤ 0.35 dB
Insertion loss typical	≤ 0.1 dB

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Side B / Right	
Return loss	≥ 30 dB

Fiber Optic Cables	
Cable Description	Multifiber bundle cable
Fiber quantity	12
Fiber type	G50/125-OM4
CPR class	Dca-s1a,d0,a1
Strain relief	aramide yarn
Outer jacket diameter	2mm
Outer jacket material	LSFH
Tensile strength during installation	200 N
Tensile strength in service	100 N
Min. bending radius during installation	20 mm
Min. bending radius in service	20 mm
Crush resistance during installation	1000 N/dm
Crush resistance in service	200 N/dm
Fire propagation standard	IEC 60332-1-2

Technical drawing



Ordering Information Table		
Item number	Item description	Length in m
85184386	MB12_MPMF_MPMF_O420y_01.0_LL	1
85184388	MB12_MPMF_MPMF_O420y_02.0_LL	2
85184392	MB12_MPMF_MPMF_O420y_03.0_LL	3
85184393	MB12_MPMF_MPMF_O420y_04.0_LL	4
85184394	MB12_MPMF_MPMF_O420y_05.0_LL	5

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