

Assemblies

MB12_MPMM_MPMM_O440y_xx.x_LL

MB12_MPMM_MPMM_O440y_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	-25 °C ... 70 °C

Side A / Left	
Interface	connectorized
Type	Fiber Optic Connector
Connector family	MTP Pro®
Gender	Male
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	Male
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
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Fiber Optic Cables

Cable Description	Multifiber bundle cable
Fiber quantity	12
Fiber type	G50/125-OM4
CPR class	B2ca-s1a,d0,a1
Strain relief	aramide yarn
Inner jacket diameter	2mm
Outer jacket diameter	4mm
Outer jacket material	LSFH
Tensile strength during installation	500 N
Tensile strength in service	200 N
Min. bending radius during installation	15 mm
Min. bending radius in service	15 mm
Crush resistance during installation	2000 N/dm
Crush resistance in service	100 N/dm

Ordering Information Table

Item number	Item description	Length in m
85166275	MB12_MPMM_MPMM_O440y_05.0_LL	5
85166280	MB12_MPMM_MPMM_O440y_07.0_LL	7
85258506	MB12_MPMM_MPMM_O440y_08.0_LL	8
85243769	MB12_MPMM_MPMM_O440y_09.0_LL	9
85166281	MB12_MPMM_MPMM_O440y_10.0_LL	10
85243770	MB12_MPMM_MPMM_O440y_11.0_LL	11
85166282	MB12_MPMM_MPMM_O440y_12.0_LL	12
85243771	MB12_MPMM_MPMM_O440y_13.0_LL	13
85243776	MB12_MPMM_MPMM_O440y_14.0_LL	14
85166283	MB12_MPMM_MPMM_O440y_15.0_LL	15
85186395	MB12_MPMM_MPMM_O440y_16.0_LL	16
85179962	MB12_MPMM_MPMM_O440y_17.0_LL	17
85186397	MB12_MPMM_MPMM_O440y_18.0_LL	18
85186398	MB12_MPMM_MPMM_O440y_19.0_LL	19
85166284	MB12_MPMM_MPMM_O440y_20.0_LL	20
85243777	MB12_MPMM_MPMM_O440y_21.0_LL	21
85184366	MB12_MPMM_MPMM_O440y_22.0_LL	22
85243779	MB12_MPMM_MPMM_O440y_23.0_LL	23
85243780	MB12_MPMM_MPMM_O440y_24.0_LL	24
85166285	MB12_MPMM_MPMM_O440y_25.0_LL	25
85243782	MB12_MPMM_MPMM_O440y_26.0_LL	26
85184367	MB12_MPMM_MPMM_O440y_27.0_LL	27
85243783	MB12_MPMM_MPMM_O440y_28.0_LL	28
85166286	MB12_MPMM_MPMM_O440y_30.0_LL	30
85184368	MB12_MPMM_MPMM_O440y_32.0_LL	32
85166287	MB12_MPMM_MPMM_O440y_35.0_LL	35
85184369	MB12_MPMM_MPMM_O440y_37.0_LL	37
85166288	MB12_MPMM_MPMM_O440y_40.0_LL	40
85184370	MB12_MPMM_MPMM_O440y_42.0_LL	42
85166289	MB12_MPMM_MPMM_O440y_45.0_LL	45
85184385	MB12_MPMM_MPMM_O440y_47.0_LL	47
85166290	MB12_MPMM_MPMM_O440y_50.0_LL	50

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