

# JMP-B16FBS2LD-xxx-SY

MPO to 8x LC-Duplex OS2 62.5/125µm B 16 Fibers Single Mode xxx Meter (Custom Length) MPO/MTP Breakout Cable Standard Yellow



## FEATURES & BENEFITS

- IEC 61754-7 and TIA/EIA 604-5 Compliant for MPO/MTP interfaces
- Up to 16 fibers MTP/MPO per connector
- High Density, Secure and Reliable Connection
- High performance in IL & RL
- Cable length custom is available upon request
- Cable color custom is available upon request
- Pre-terminated design, Easy-to-implement

## Application

- Network Communication
- FTTH/FTTB/FTTx
- ISP Backhaul Networking

## OVERVIEW

JMP-B16FBS2LD-xxx-SY is a high quality multifiber cable assembly with the Pre-terminated push-on/pull-off designed components that provides consistent and repeatable interconnections up to 16 fibers for today's 40G and 100G networks. It is specifically designed and custom-built to fulfill applications such as Data Center Interconnect, Storage Area Network/Fiber Channel, Parallel Optics.

## SPECIFICATIONS

Fiber Mode	OS2
Fiber Type	62.5/125 $\mu$ m
Connector A	MPO
Gender A	Female
Connector B	/
Gender B	/
Connector B (Breakout)	8x LC-Duplex
Gender B (Breakout)	Male
Fiber cores	16
Polarity	B
Grade	Standard
Cable Jacket	LSZH, PVC
Cable Diameter	3.0mm
Breakout	0.9/2.0mm
Breakout Length	0.5M
Color	Yellow

### Optical Properties

#### Fiber Cable

Attenuation	Single Mode	$\leq 0.32$ at 1310nm $\leq 0.18$ at 1550nm
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#### MPO/MTP Connector

Insertion Loss (dB)	Single Mode	Standard: $\leq 0.6$ Elite: $\leq 0.35$
Return Loss (dB)	Single Mode	UPC: $\geq 50$ APC: $\geq 60$

#### LC/SC/FC/ST Connector

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Insertion Loss (dB)	Single Mode	UPC: $\leq 0.25$ APC: $\leq 0.3$
Return Loss (dB)	Single Mode	UPC: $\geq 50$ APC: $\geq 60$
Durability	$\leq 0.2$ dB at 200 cycles	
Operating Temperature	$-20^{\circ}\text{C} \sim +70^{\circ}\text{C}$	
Storage Temperature	$-20^{\circ}\text{C} \sim +85^{\circ}\text{C}$	