

# JMT-B12FBM4LD-xxx-EM

MTP to 6x LC-Duplex OM4 50/125µm B 12 Fibers Multi Mode xxx  
Meter (Custom Length) MPO/MTP Breakout Cable Elite Magenta



## FEATURES & BENEFITS

- IEC 61754-7 and TIA/EIA 604-5 Compliant for MPO/MTP interfaces
- Up to 12 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

JMT-B12FBM4LD-xxx-EM 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 12 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	OM4
Fiber Type	50/125μm
Connector A	MTP
Gender A	Female
Connector B	/
Gender B	/
Connector B (Breakout)	6x LC-Duplex
Gender B (Breakout)	Male
Fiber cores	12
Polarity	B
Grade	Elite
Cable Jacket	LSZH, PVC
Cable Diameter	3.0mm
Breakout	0.9/2.0mm
Breakout Length	0.5M
Color	Magenta

### Optical Properties

#### Fiber Cable

Attenuation	Multi mode	≤2.3 at 850nm ≤0.6 at 1300nm
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#### MPO/MTP Connector

Insertion Loss (dB)	Multi mode	Elite: ≤0.35
Return Loss (dB)	Multi mode	UPC: ≥20

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

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Insertion Loss (dB)	Multi mode	UPC: $\leq 0.25$
Return Loss (dB)	Multi mode	UPC: $\geq 30$
Durability	$\leq 0.2$ dB at 200 cycles	
Operating Temperature	$-20^{\circ}\text{C} \sim +70^{\circ}\text{C}$	
Storage Temperature	$-20^{\circ}\text{C} \sim +85^{\circ}\text{C}$	