

# JMT-S212FB-xxx-EY

MTP to MTP OS2 62.5/125μm B 12 Fibers Single Mode xxx Meter  
(Custom Length) MPO/MTP Trunk Cable Elite Yellow



## 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-S212FB-xxx-EY 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	OS2
Fiber Type	62.5/125μm
Connector A	MTP
Gender A	Female
Connector B	MTP
Gender B	Female
Connector B (Breakout)	/
Gender B (Breakout)	/
Fiber cores	12
Polarity	B
Grade	Elite
Cable Jacket	LSZH, PVC
Cable Diameter	3.0mm
Breakout	/
Breakout Length	/
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	Elite: $\leq 0.35$
Return Loss (dB)	Single Mode	UPC: $\geq 50$ APC: $\geq 60$

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

Insertion Loss (dB)	
Return Loss (dB)	
Durability	≤0.2 dB at 200 cycles
Operating Temperature	-20°C ~ +70°C
Storage Temperature	-20°C ~ +85°C