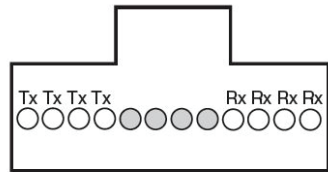


40/100G Equipment Cords (MJS)

Regional Availability - Global

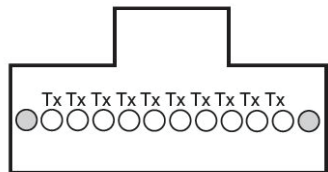
Base-12 MTP Pro® 2mm Jumpers

Siemon's MTP Pro jumpers are used to connect the MTP trunk backbone to the active equipment. The compact design of the MTP footprint and Siemon's 2mm diameter RazorCore™ cable achieves greater connectivity access, reduction in cable pathway congestion and improved airflow around the active equipment.



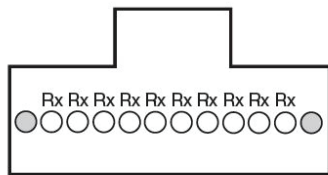
40G BASE-SR4 8-Fiber MTP

With the 40G option (1) 12 strand MTP trunk is used for one link.



100G BASE-SR10, 2x12-Fiber MTPs

With the 40G option (1) 12 strand MTP trunk is used for one link.



Small Diameter (2mm)

2mm RazorCore fiber cable improves cable management and pathway fill.

Performance

MTP jumpers are manufactured to both Standard and Ultra-Low Loss specifications.

MTP Connector

Options for both pinned or unpinned.

Jacket ratings

Available in Plenum and LSOH.

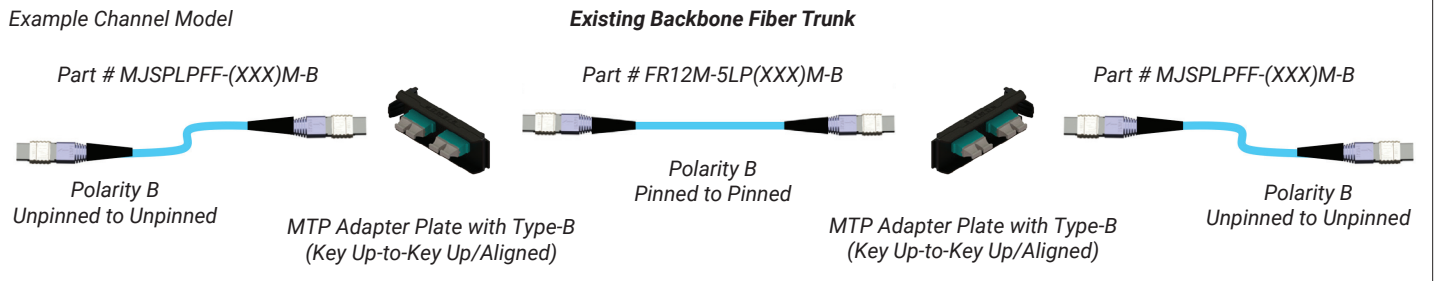


MTP Pro Connector

The MTP Pro option enables quick and easy polarity and pin changes in the field using an innovative hand-held tool.

40G Channel

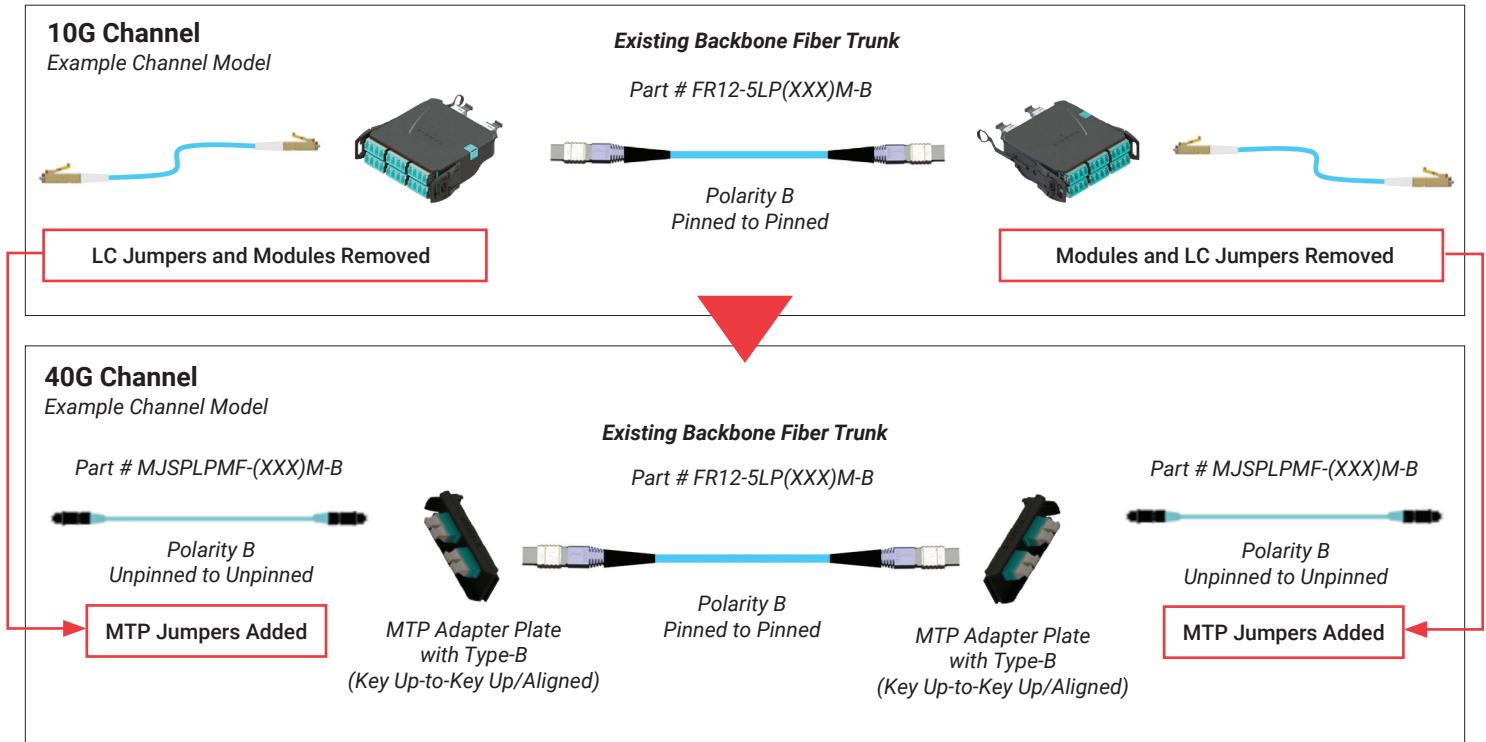
Example Channel Model



- Active equipment has a male MTP/MPO connector.
- All assemblies are B-polarity (straight-through wiring).
- MTP adapter plate has aligned key orientation.
- The trunk is pinned-to-pinned (in contrast to typical 10G cassette-based MTP channels where the trunk is unpinned-to-unpinned).

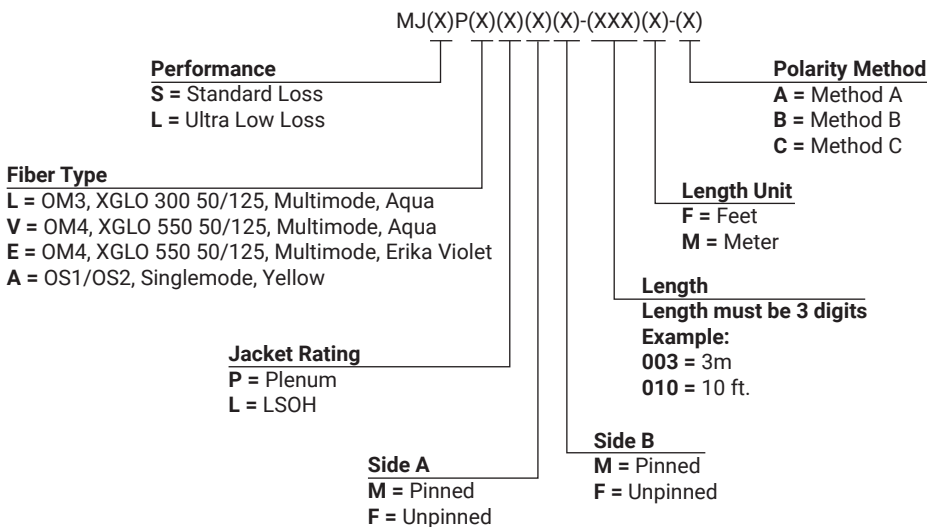
Product Information

10G to 40G Module Based Channel Migration



Ordering Information

Base-12 MTP Pro® 2mm (0.079 in.) Jumper



MTP Pro® Activation Tool and PIN Exchangers

Part #	Description
FT-MP-AT	Field Termination, MTP Pro, Activation Tool
FT-MP-PE-SME	Field Termination, MTP Pro, Pin Exchanger with SM Elite Pins
FT-MP-PE-MME	Field Termination, MTP Pro, Pin Exchanger with MM Elite Pins

Product Information

Connectors – Optical Specifications

Fiber Type	Performance Class	MAX Insertion (db)		MAX Return Loss (db)	
		MTP	LC	MTP	LC
Multimode OM3	XGLO® 300	0.4	0.25	20	30
Multimode OM4	XGLO 550	0.4	0.25	20	30
Singlemode OS2	XGLO	0.6	0.4	60	55
Laser Optimized 50/125 Multimode OM3	XGLO 300 Ultra-Low Loss	0.2	0.15	20	30
Laser Optimized 50/125 Multimode OM4	XGLO 550 Ultra-Low Loss	0.2	0.15	20	30
Singlemode OS2	XGLO Ultra-Low Loss	0.3	0.2	60	55

Cable – Optical and Physical and Specifications

Cable Type	Multimode		Singlemode
	XGLO 50/125 OM3 (850/1300nm)	XGLO 50/125 OM4 (850/1300nm)	XGLO (1310/1383/1550nm)
Fiber Cable Attenuation, MAX (dB/km)	3.0/1.0	3.0/1.0	0.40/0.40/0.30*
LED Bandwidth, MIN (MHz/km)	1500/500	3500/500	N/A
Effective Modal Bandwidth, MIN (MHz/km)	2000	4700	N/A
Cable Outer Jacket, Color (Pre-TIA598-C)	Aqua	Aqua	Yellow

*XGLO Singlemode fiber meets low water peak specifications per ITU-T G.652.C

Connectors – Physical Specifications

Connector Type	IEC Intermateability Compliance	TIA Intermateability Compliance	Housing Color		Boot Color		
			Standard Loss SM	Ultra-Low Loss SM	MM	SM	MM
MTP	IEC 61754-7	TIA/EIA-604-5	Green	Yellow	Aqua	Blue	Blue

Because we continuously improve our products, Siemon reserves the right to change specifications and availability without prior notice.

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