

MTP to LC 4 x 10G Equipment Cords

Regional Availability - Global

Simon's MTP to LC 4 x 10G Hybrid Equipment Cords have (1) MTP connector on one end and (4) duplex LC connectors on the other for connection to active equipment with LC ports used in aggregation of multiple 10G ports to one 40G port.

Custom Configurations

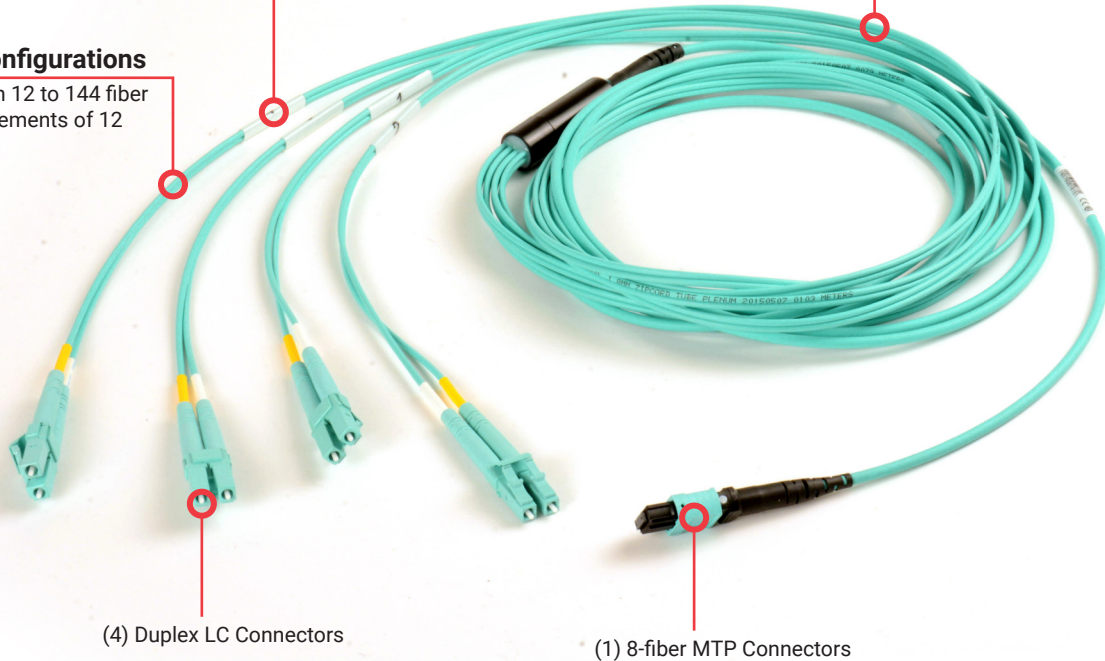
Available from 12 to 144 fiber counts in increments of 12 fibers

Designation Labels

On each leg for traceability throughout the channel

Jacket Ratings

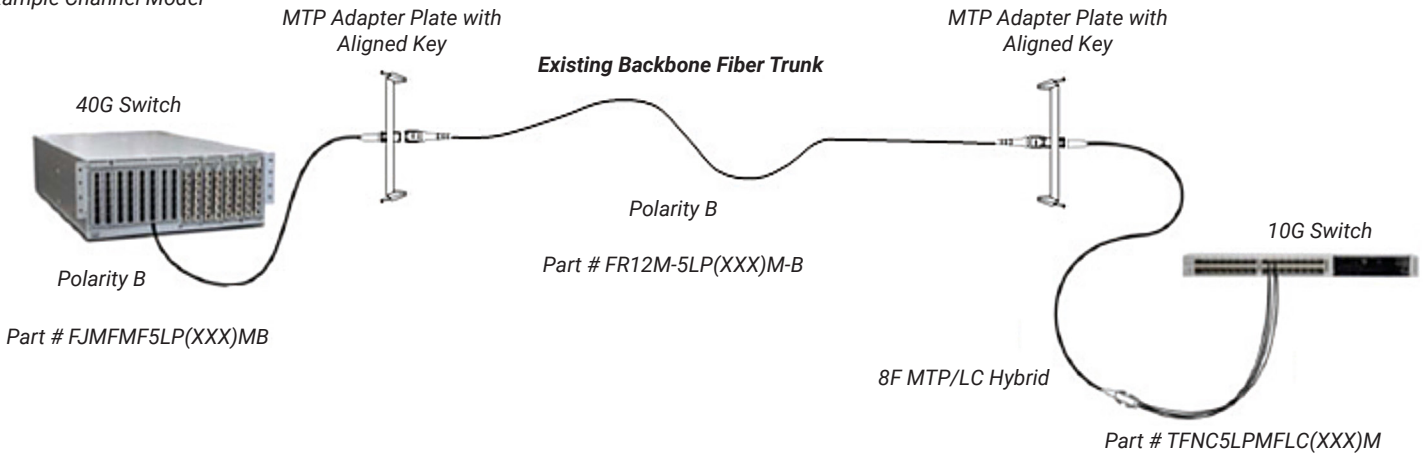
Available in Plenum and LSOH



- Specifically wired to manage polarity for transmit to receive

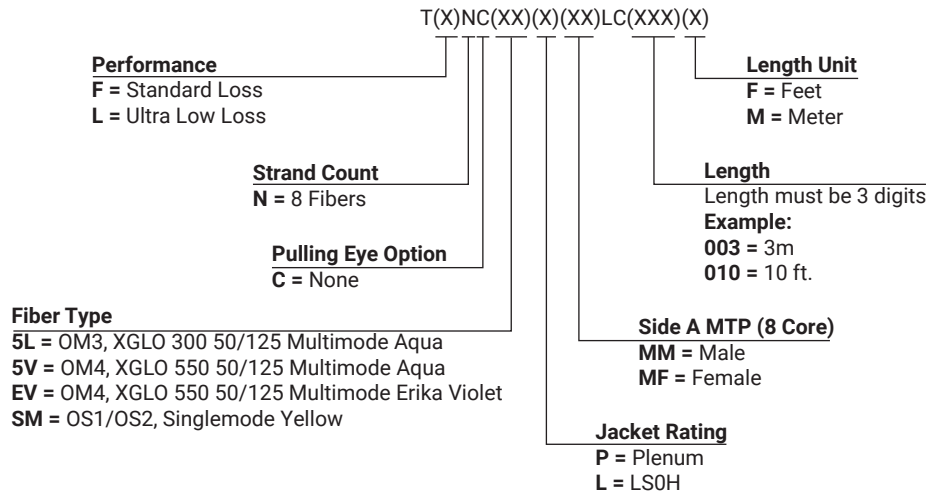
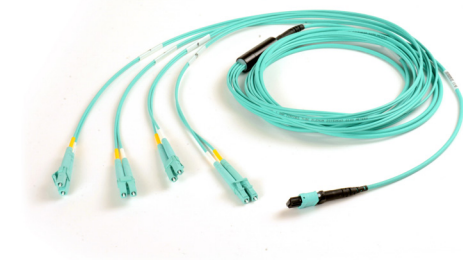
40G to 4 x 10G Channel

Example Channel Model



Ordering Information

MTP to LC 4 x 10G Equipment Cords



Product Specifications

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

Connectors - Physical Specifications

Connector Type	IEC Intermateability Compliance	TIA Intermateability Compliance	Housing Color				Boot Color				
			SM	MM	MM-5L/5V	Standard Loss SM	SM	MM	MM-5L/5V	Ultra Low Loss SM	
MTP	IEC 61754-7	TIA/EIA-604-5	Green	Beige	Aqua	Green	Black	Black	Black	Black	Yellow
LC	IEC 61754-20	TIA/EIA-604-10	Blue	Beige	Aqua	Black	White	White	Aqua	Aqua	Blue

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

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