

40/100G MTP Equipment Conversion Cords

Regional Availability - International

Conversion Cord For 40G: (2) 12F MTP TO (3) 8F MTP

Simon's Conversion cord ensures 100 percent utilisation of 12 fibre MTP to MTP trunks at 40 and 100G transmission. The cords transition (2)12-fibre MTP connectivity from the backbone trunk to (3) 8-fibre MTP connector.

Jacket Ratings

Available in Plenum and LS0H

Small Diameter

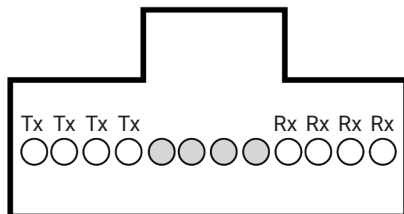
RazorCore™ fiber cable improves cable management

Designation Labels

On each leg for traceability throughout the channel

(3) 8-fiber MTP Connectors

(2) 12-fiber MTP Connectors



40G BASE-SR4 8-Fiber MTP

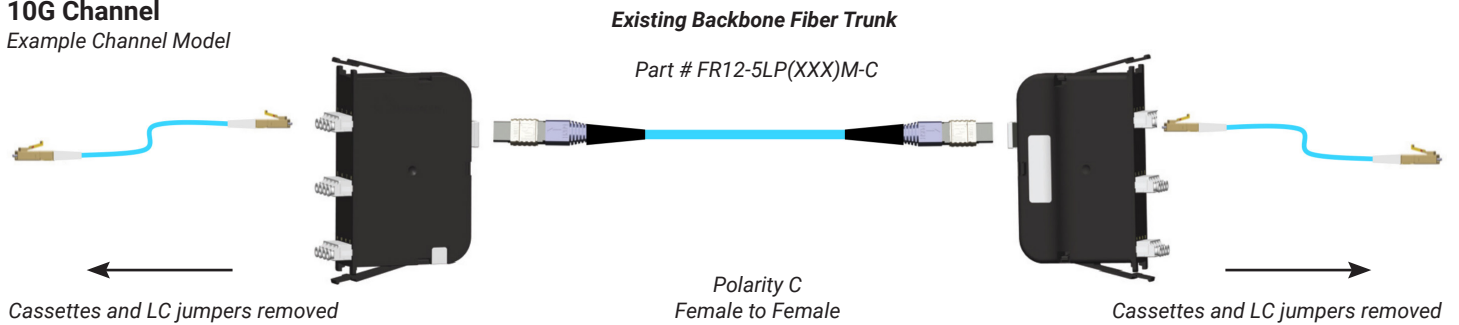
- With the 40G option (1) 12 stran MTP trunk is used for one link

Product Information

10G Cassette-Based Channel Migration To 40G Channel

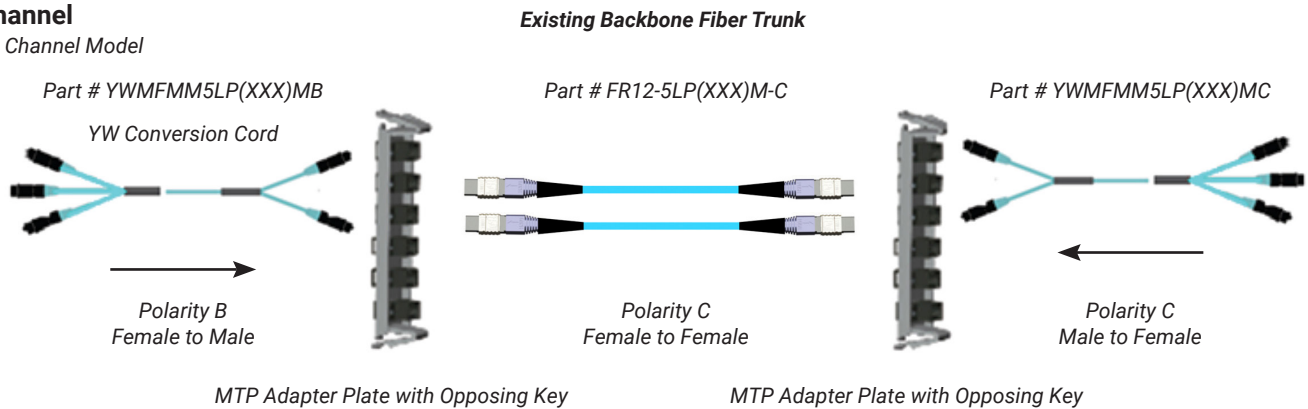
10G Channel

Example Channel Model



40G Channel

Example Channel Model



- Utilizes conversion jumper on each end of the channel instead of traditional 12-fiber MTP jumper
- 40G channels use 8 of the 12 available fibers leaving 33% of the backbone unused.
The conversion jumper eliminates the unused fibers allowing 100% backbone fiber utilization

Standard Loss Assemblies

Fiber Type		MAX Insertion (db)		MAX Return Loss (db)		Performance Class
		MTP	LC	MTP	LC	
5L-MM	50/125 (OM3)	0.50	0.25	20	30	XGLO® 300
5V-MM	50/125 (OM3)	0.50	0.25	20	30	XGLO 550

Low Loss Assemblies

Fiber Type		MAX Insertion (db)		MAX Return Loss (db)		Performance Class
		MTP	LC	MTP	LC	
5L-MM	50/125 10G (OM3)	0.20	0.15	20	30	XGLO™ 300
5V-MM	50/125 10G (OM3)	0.20	0.15	20	30	XGLO™ 550

Product Information

Cable - Optical and Physical and Specifications

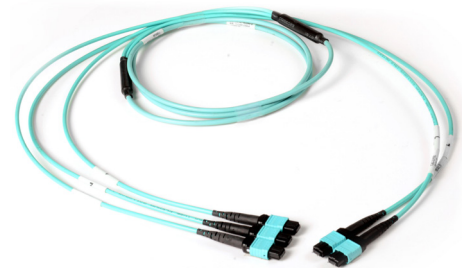
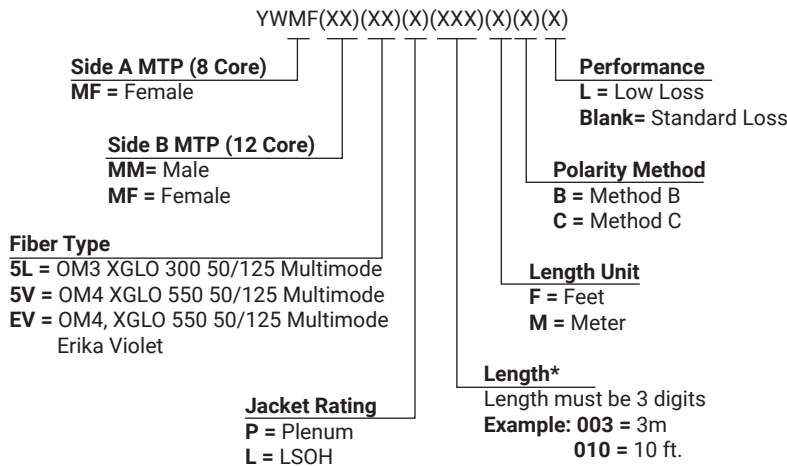
Cable Type	Multimode	
	XGLO 50/125 OM3 (850/1300nm)	XGLO 50/125 OM3 (850/1300nm)
Fiber Cable Attenuation MAX (db/km)	3.0/1.0	3.0/1.0
LED Bandwidth, MIN (MHz/km)	1500/500	3500/500
Effective Modal Bandwidth, MIN (MHz/km)	2000	4700
Cable Outer Jacket, Color (Per TIA-598-D)	Aqua	Aqua

Connectors - Physical Specifications

Connector Type	IEC Intermateability Compliance	TIA Intermateability Compliance	Housing Color	Boot Color
MTP	IEC 61754-7	TIA/EIA-604-5	MM-5L/5V	MM

Ordering Information

40/100G Equipment Conversion Cords



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

North America P: (1) 860 945 4200
 Asia Pacific P: (61) 2 8977 7500
 Latin America P: (571) 657 1950/51/52
 Europe P: (44) 0 1932 571771
 China P: (86) 215385 0303
 India, Middle East & Africa P: (971) 4 3689743

Siemon Interconnect Solutions
 P: (1) 860 945 4213
www.siemon.com/SIS