

# 16F MTP Jumper and (1) 16F MTP to (2) 8F MTP Y Conversion Cord

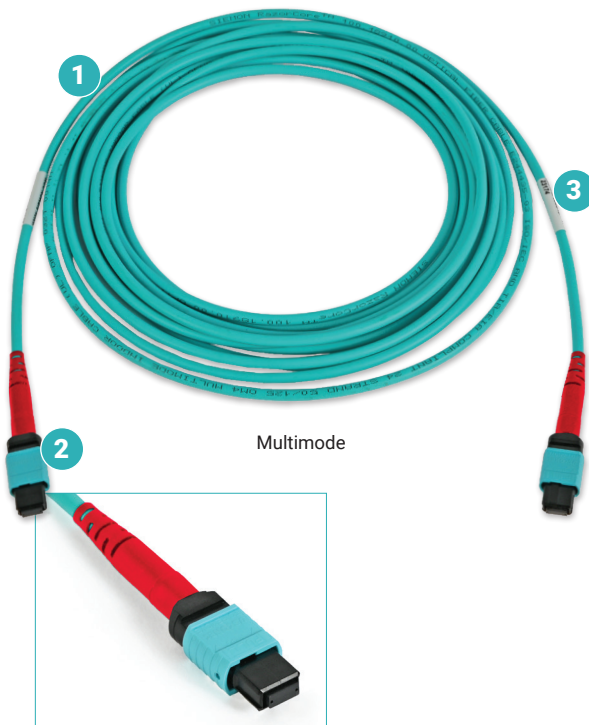
Regional Availability – Global



As network speeds continue to grow exponentially, new technologies are required to support this growth. With 800G and beyond speeds becoming more of a reality in network deployments, 16-fiber MTP jumpers and (1) 16-fiber MTP to (2) 8-fiber MTP Y conversion cords are the foundation to tomorrow's networks.

## 16F MTP Jumper

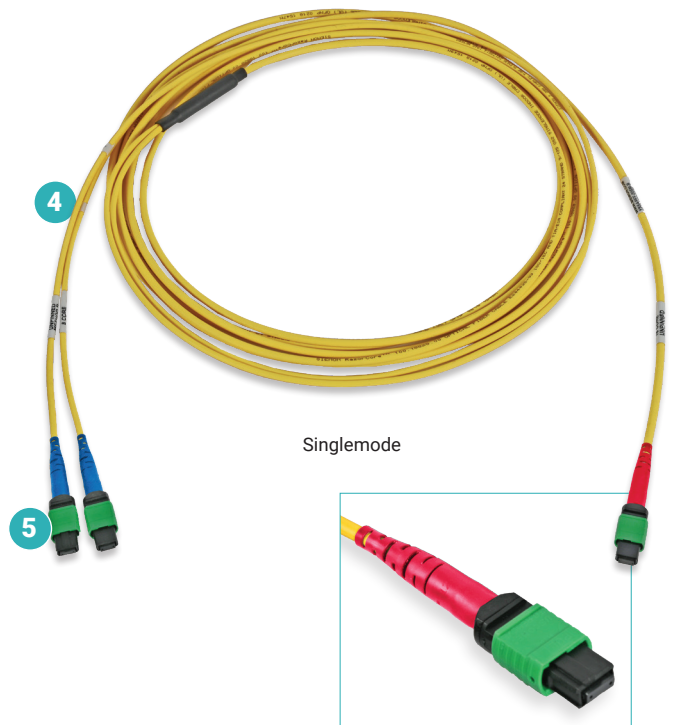
Siemon's 16-fiber MTP jumpers continue using the compact design of the 3.8mm diameter RazorCore™ cable allowing for greater connectivity access, reduction in cable pathway congestion and improved airflow around the active equipment.



Multimode

## (1) 16F MTP to (2) 8F MTP Y Conversion Cord

Siemon's 800G Y Conversion Cords also use the compact design of the 3.8mm diameter RazorCore™ cable allowing for greater connectivity access, reduction in cable pathway congestion and improved airflow around the active equipment.



Singlemode

### 1. Small Diameter (3.0mm)

RazorCore fiber cable improves cable management.

### 2. (1) 16-Fiber MTP Connector

### 3. Designation Labels

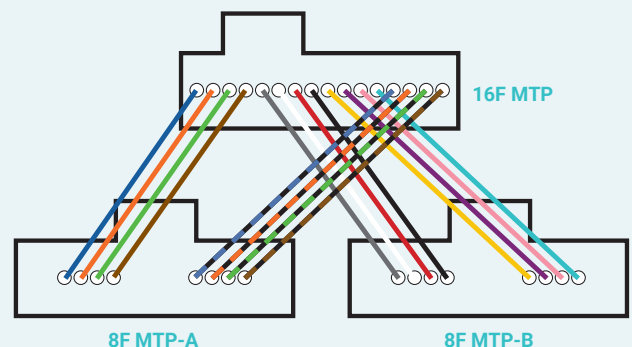
On each leg for traceability throughout the channel.

### 4. Jacket Ratings

Available in Plenum and LSOH.

### 5. (2) 8-Fiber MTP Connectors

## 800G 16F MTP Y Conversion Cord Fiber Mapping



# Product Information

## Performance Specifications

FIBER TYPE	INSERTION LOSS (MAX) DB	RETURN LOSS (MIN) DB	PERFORMANCE CLASS
	MTP	MTP	
MM, 50/125 (OM4)	0.40	25	XGLO 550 (STD)
SM (OS2)	0.60	60	XGLO (STD)
MM, 50/125 (OM4)	0.25	25	XGLO 550 (ULL)

## Optical and Physical Specifications – Cable

CABLE TYPE	MULTIMODE	SINGLEMODE
	XGLO 50/125 OM4 (850/1300nm)	XGLO (1310/1383/1550nm)
FIBER CABLE ATTENUATION, MAX (dB/km)	3.0/1.0	0.40/0.40/0.30*
LED BANDWIDTH, MIN (MHz/km)	3500/500	N/A
EFFECTIVE MODAL BANDWIDTH, MIN (MHz/km)	4700	N/A
CABLE OUTER JACKET, COLOR (PRE-TIA598-C)	Aqua	Yellow

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

## 16F MTP Jumper

### Physical Specifications – Connectors

CONNECTOR TYPE	HOUSING COLOR			BOOT COLOR
	SM & MM-APC	MM-PC (5V)	MM-PC (EV)	
16F MTP	Green	Aqua	Erika Violet	Magenta

## (1) 16F MTP to (2) 8F MTP Y Conversion Cord

### Physical Specifications – Connectors

CONNECTOR TYPE	HOUSING COLOR			BOOT COLOR
	SM & MM-APC	MM-PC (5V)	MM-PC (EV)	
MTP	Green	Aqua	Erika Violet	16F MTP: Magenta 8F MTP: Blue

# Ordering Information

## 16F MTP Jumper

SJ (X) (X) (X) (X) (X) - (XXX) (X) - (X)

PERFORMANCE	FIBER TYPE	JACKET RATING	SIDE A	SIDE B	LENGTH	LENGTH UNIT	POLARITY METHOD
S = Standard Loss L = Ultra-Low Loss (MM only)	V = OM4, XGLO 550 50/125, Multimode, Aqua E = OM4, XGLO 550 50/125, Multimode, Erika Violet A = OS2, Singlemode, Yellow	P = Plenum L = LSOH	M = Pinned APC F = Unpinned APC N = Pinned PC (MM only) G = Unpinned PC (MM only)	M = Pinned APC F = Unpinned APC N = Pinned PC (MM only) G = Unpinned PC (MM only)	Length must be 3 digits. Example: 003 = 3m 010 = 10ft.	F = Feet M = Meter	B = Method B

## (1) 16F MTP to (2) 8F MTP Y Conversion Cord

YS (X) (X) (X) (X) (X) - (XXX) (X) - (X)

PERFORMANCE	FIBER TYPE	JACKET RATING	SIDE A (BASE-16)	SIDE B (2X BASE-8)	LENGTH	LENGTH UNIT	POLARITY METHOD
S = Standard Loss L = Ultra-Low Loss (MM only)	V = OM4, XGLO 550 50/125, Multimode, Aqua E = OM4, XGLO 550 50/125, Multimode, Erika Violet A = OS2, Singlemode, Yellow	P = Plenum L = LSOH	M = Pinned APC F = Unpinned APC N = Pinned PC (MM only) G = Unpinned PC (MM only)	M = Pinned F = Unpinned	Length must be 3 digits. Example: 003 = 3m 010 = 10ft.	F = Feet M = Meter	B = Method B

\*Base-8 is only APC for SM and PC for MM.

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

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