

# Base-8 Plug and Play Trunk Assemblies

Regional Availability - Global

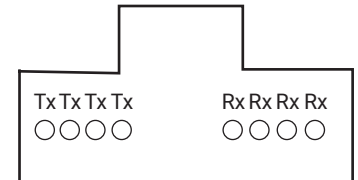
Combining Siemon's reduced-diameter RazorCore™ cable with 8-fiber MTP connectors, Base-8 Plug and Play MTP or MTP PRO Trunk Assemblies are designed to be quickly routed and connected to Siemon Plug and Play Modules and MTP Adapter Plates. Custom configurable to precise application requirements, these Base-8 assemblies put high-performance, high density fiber connections exactly where you need them while providing more efficient migration to support high-speed 8-fiber applications.

## Multiple Fiber Types

Available in multimode (laser optimized OM3 and OM4 50/125) and singlemode

## Reduced Pathway Fill

Siemon's RazorCore cable has significantly reduced cable diameter



40GBASE-SR4 8-Fiber and 100GBASE-SR4 8-Fiber MTP  
(1) 8 Strand MTP trunk is used for one link

## Custom Configurations

Available from 8 to 144 fiber counts in increments of 8 fibers

## Low Loss Versions

Siemon's Plug and Play cable assemblies are also available in low loss multimode for multiple mated pairs in 10/40/100G applications

## 40 Gb/s and 100 Gb/s Ready and Beyond

Offers the simplest upgrade path to current and future 8-fiber applications

## Easy Identification

Base-8 assemblies feature a blue boot to easily distinguish from Base 12 assemblies

## MTP PRO Connector

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

## Cost-Effective with 100% Fiber Utilization

Base-8MTP assemblies use 100% of fiber in 8-fiber applications, eliminating the need for conversion cords or modules

# Product Information

## Cable - Optical and Physical Specifications

Cable Type	Multimode		Singlemode
	XGLO 50/125 OM3 (850/1300mm)	XGLO 50/125 OM4 (850/1300mm)	XGLO (1310/1383/1550mm)
Fiber Cable Attenuation MAX (db/km)	3.0/1.0	3.0/1.0	0.4/0.4/0.3*
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 (Per TIA-598-C)	Aqua	Aqua	Yellow

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

## Non-Armored Cable & Pulling Eye Assembly

Fiber Stand Count	Cable Diameter		Max. Pulling Eye Diameter mm (in.)	*Required Duct Diameter mm (in.)	Max Pull Force kg (lbs.)
	Plenum	LSOH			
8	3.0 (0.12)	3.0 (0.12)	3.81 (1.5)	69.9 (2.75)	18.1 (40)
16	3.8 (0.15)	3.8 (0.15)	3.81 (1.5)	69.9 (2.75)	18.1 (40)
24	3.8 (0.15)	3.8 (0.15)	3.81 (1.5)	69.9 (2.75)	18.1 (40)
32	7.5 (0.30)	6.5 (0.26)	3.81 (1.5)	69.9 (2.75)	18.1 (40)
48	7.5 (0.30)	6.5 (0.26)	44.5 (1.75)	88.9 (3.5)	18.1 (40)
72	7.5 (0.30)	6.5 (0.26)	44.5 (1.75)	88.9 (3.5)	18.1 (40)
96	13.6 (0.54)	12.5 (0.49)	63.5 (2.5)	108 (4.25)	18.1 (40)
144	13.6 (0.54)	12.5 (0.49)	80 (3.15)	125 (4.92)	18.1 (40)

\* Pulling eye assembly shall be capable of passing through these minimum duct diameter requirements during product installation

## Connectors - Optical Specifications

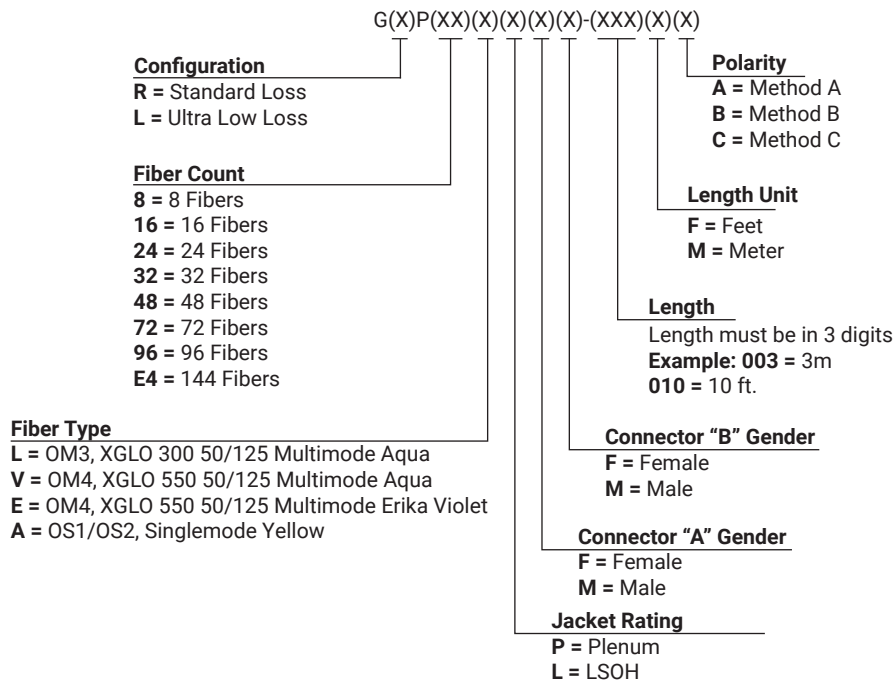
Fiber Type	Performance Class	Max Insertion Loss (db)		Min Return Loss (db)	
		MTP	LC/SC	MTP	LC/SC
10G 50/125µm Multimode OM3	XGLO 300	0.40	0.25	20	30
10G 50/125µm Multimode OM4	XGLO 550	0.40	0.25	20	30
Singlemode OS2	XGLO	0.60	0.40	60	55
Laser Optimized 50/125 Multimode OM3	XGLO 300 Ultra Low Loss	0.20	0.15	20	30
Laser Optimized 50/125 Multimode OM4	XGLO 550 Ultra Low Loss	0.20	0.15	20	30
Singlemode OS2	XGLO Ultra Low Loss	0.30	0.20	60	55

## Connectors - Physical Specifications

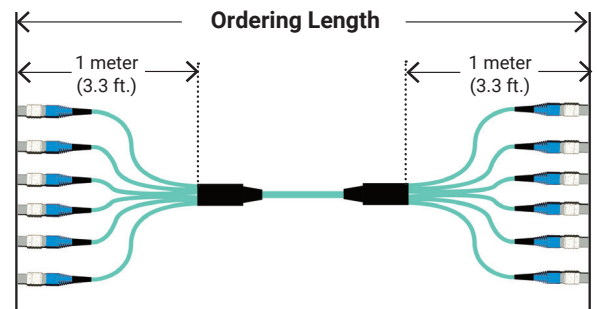
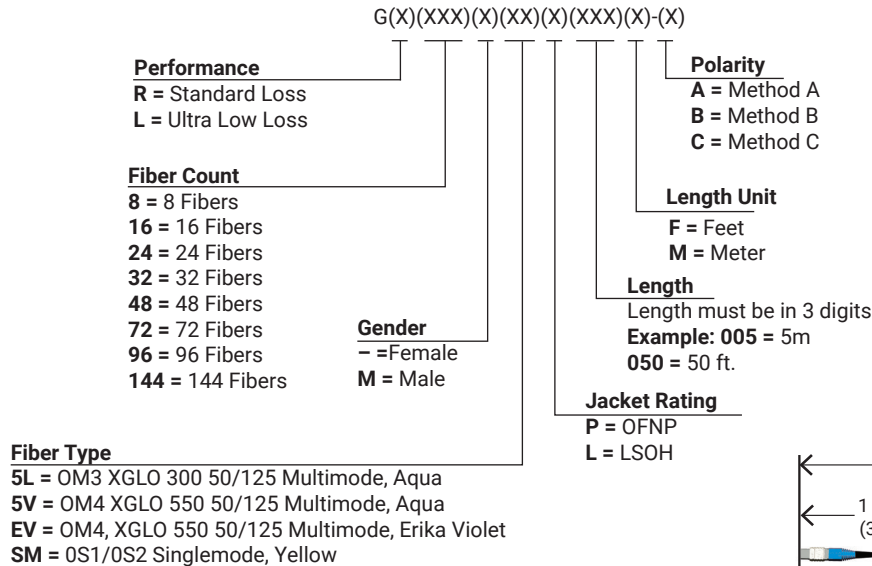
Connector Type	IEC Intermateability Compliance	TIA Intermateability Compliance	Housing Color		Boot Color	
			SM	MM-5L/5V	SM	MM
8-Fiber MTP	IEC 61754-7	TIA/EIA-604-5	Green	Aqua	Blue	Blue

# Ordering Information

## Fiber Plug & Play cable assembly, 8 fiber MTP PRO connectors, Non Armored



## Base-8MTP to MTP assemblies, 8-fiber MTP connectors, Non Armored



\* Order length is measured connector tip to connector tip. Multi-leg versions offered with standard 1 meter (3.3 ft.) legs. Minimum order length is 1 meter (3 ft.) for 8 strand and 3 meters (9 ft.) for 24 strands or greater (See diagram above)

\*\* Only trunk lengths greater than 5 meters (16FT) come with a pulling eye

# Ordering Information

## MTP PRO Activation Tool and PIN Exchangers

Part Number	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



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

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