

# Base-8 MTP® to LC Hybrid Equipment Cords

Regional Availability - Global

Utilizing high quality Siemon RazorCore™ cable, Base-8 MTP to LC Equipment Cords offer a connectivity transition from 8-fiber MTP connectors to duplex LC. Ideal to facilitate interconnects or cross connects between active equipment, these Base-8 MTP to LC Cords may be implemented using Siemon's MTP to MTP Adapter Plates to provide direct MTP to LC patching options over a wide range of distances and infrastructure configurations.

## Multiple Fiber Types

Available in multimode OM3 and OM4) and singlemode

## Small Diameter

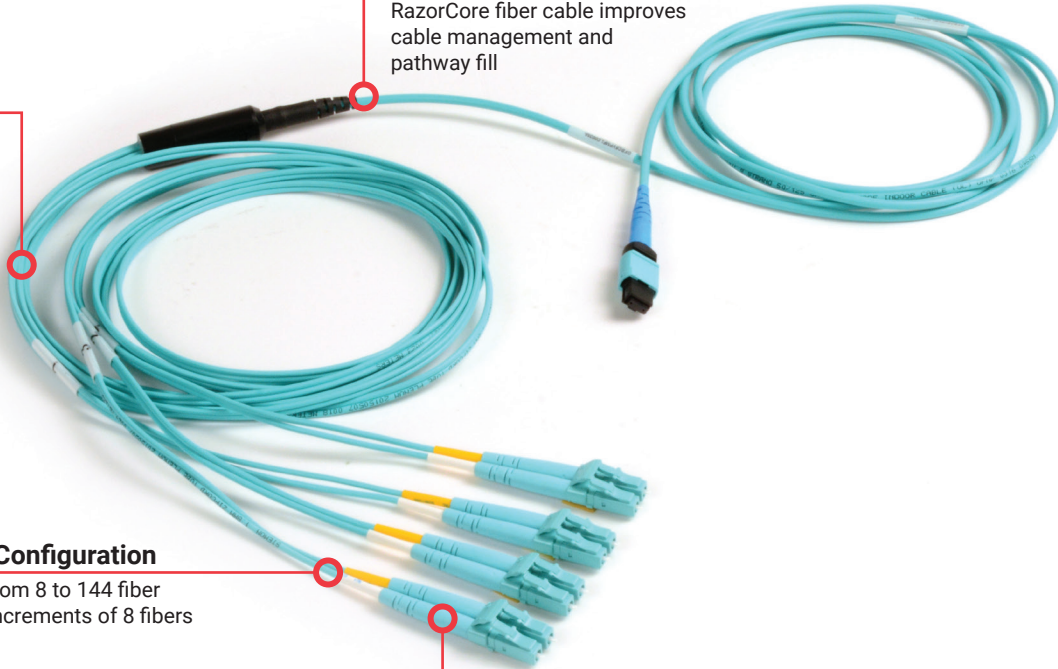
RazorCore fiber cable improves cable management and pathway fill

## Custom Configuration

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

## Easy Identification

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



# Product Information

## Cable - Optical and Physical Specifications

Cable Type	Multimode		Min Return Loss (db)
	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 mm (in.)		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

### MAX Insertion (db)

### MAX Return Loss (db)

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	0.35	0.2	60	55

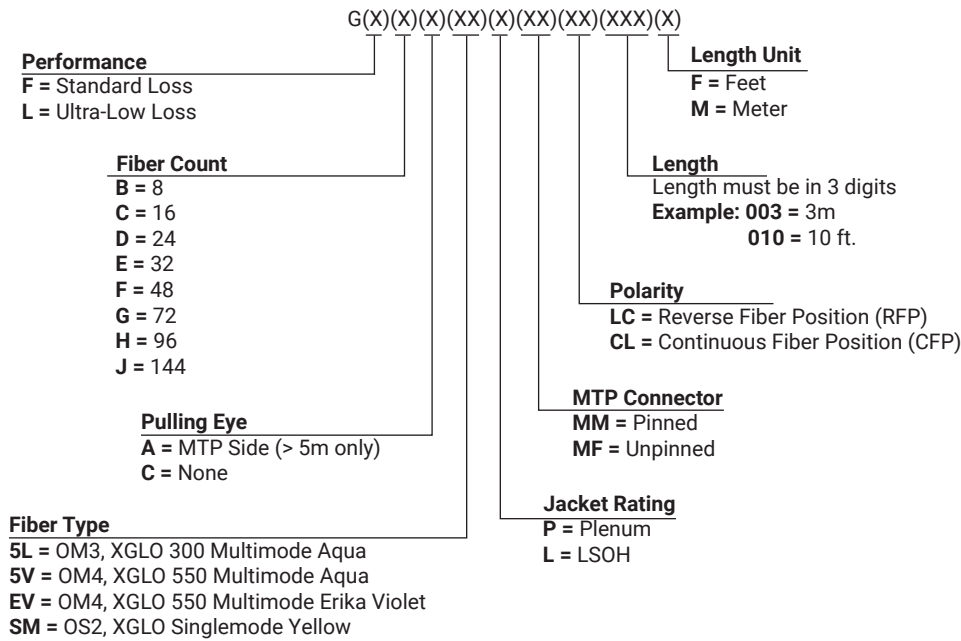
## Connectors - Physical Specifications

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

# Ordering Information

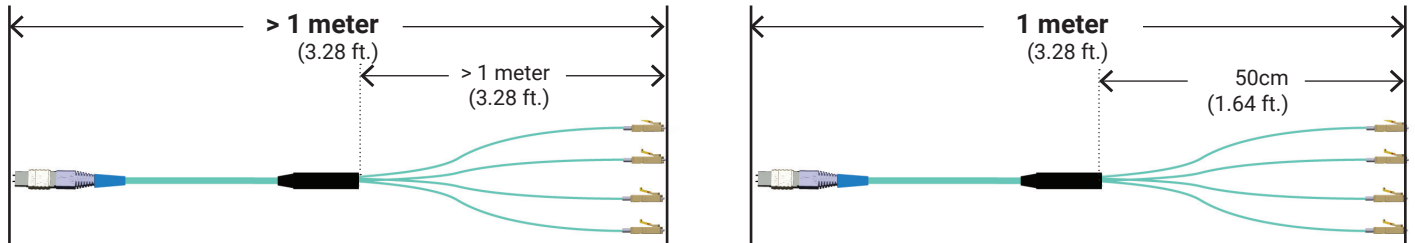
## Base-8 MTP to LC Trunks

### Base-8 MTP to LC Trunk Equipment Cords



\* Minimum order length is 1 meter (3.28 ft.). Order length is measured connector tip to connector tip. Trunks greater than 1 meter (3.28 ft.) have breakout length of 1 meter (3.28 ft.). 1 meter (3.28 ft.) trunks have a 50cm (1.64 ft.) breakout length (See diagram below)

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



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

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