

Base 8 MTP® to LC Hybrid Equipment Cords

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 (laser optimized 50/125 OM3 and OM4) and singlemode

Small Diameter

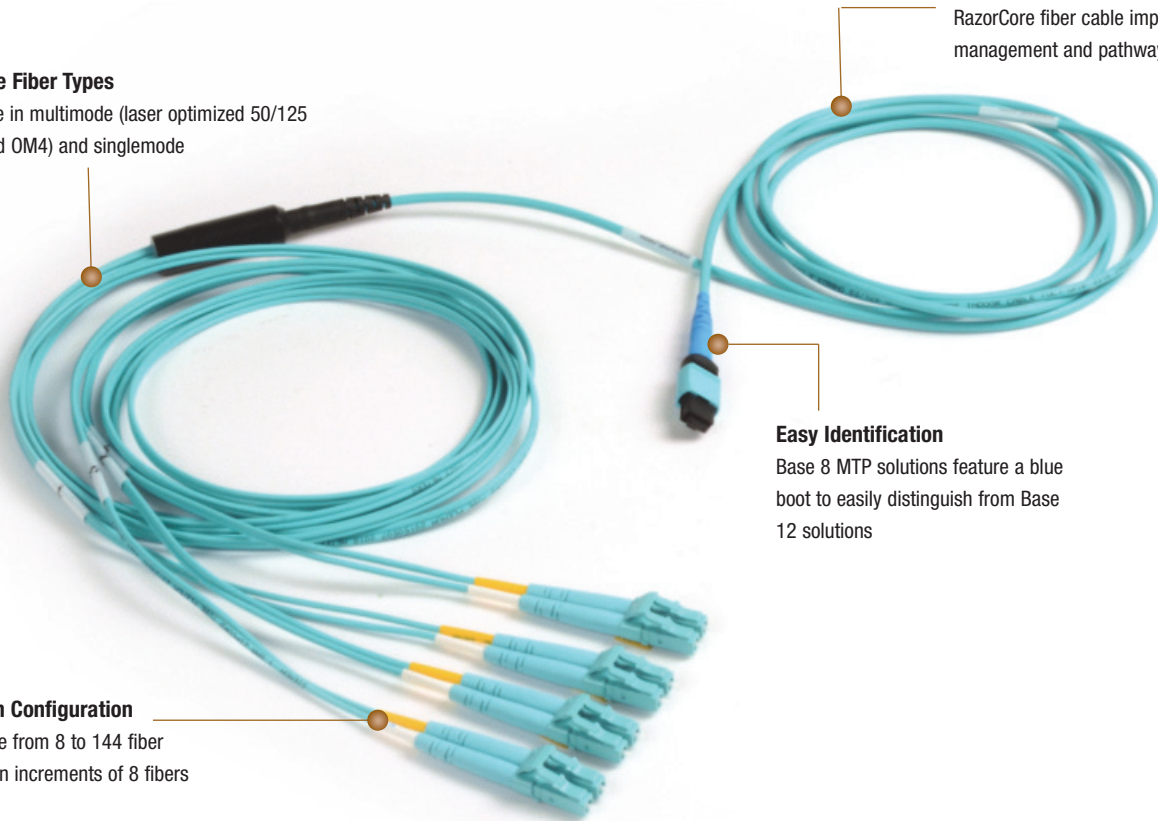
RazorCore fiber cable improves cable management and pathway fill

Easy Identification

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

Custom Configuration

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

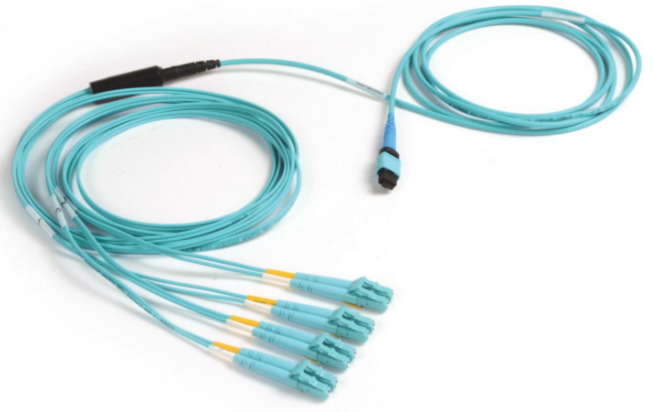


ORDERING INFORMATION

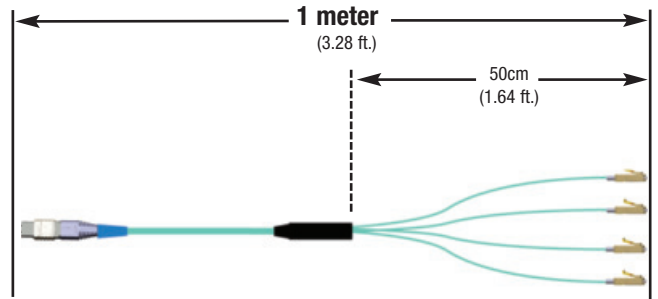
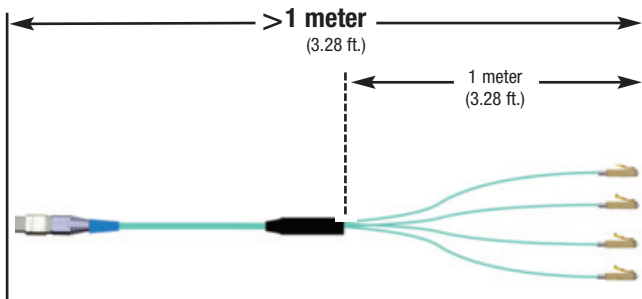
Base 8 MTP to LC Trunks

G(X)(X)(X)(XX)(X)(XX)(XX)(XX)(X)..... Base 8 MTP to LC Trunk

<p>Performance</p> <p>F = Standard Loss (SM only) L = Low Loss (OM3/OM4 only)</p> <p>Fiber Count</p> <p>B = 8 C = 16 D = 24 E = 32 F = 48 G = 72 H = 96 J = 144</p> <p>Fiber Type</p> <p>5L = OM3, XGLO 300 50/125 Multimode aqua adapters 5V = OM4, XGLO 550 50/125 Multimode aqua adapters SM = OS1/OS2, Singlemode blue LC adapters</p>	<p>Length Unit</p> <p>F = Feet M = Meter</p> <p>Length</p> <p>Length must be 3 digits Example: 003 = 3m 010 = 10 ft.</p> <p>Polarity</p> <p>LC = Reverse Fiber Position (RFP) CL = Continuous Fiber Position (CFP)</p> <p>MTP Gender</p> <p>MM = Male MF = Female</p>
<p>Pulling Eye</p> <p>A = MTP Side (> 5m only) C = None</p>	<p>Jacket Rating</p> <p>P = Plenum R = Riser L = ISOH</p>



* 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)



Cable - Optical and Physical 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	0.4/0.4/0.3*
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 Strand Count	Cable Diameter mm (in.)			Max Pulling Eye Diameter mm (in.)	*Required Duct Diameter mm (in.)	Max Pull Force kg (lbs)
	Riser	Plenum	LSOH			
8	3.0 (0.12)	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)	3.8 (0.15)	3.81 (1.5)	69.9 (2.75)	18.1 (40)
24	3.8 (0.15)	3.8 (0.15)	3.8 (0.15)	3.81 (1.5)	69.9 (2.75)	18.1 (40)
32	9.4 (0.37)	7.5 (0.30)	6.5 (0.26)	3.81 (1.5)	69.9 (2.75)	18.1 (40)
48	9.4 (0.37)	7.5 (0.30)	6.5 (0.26)	44.5 (1.75)	88.9 (3.5)	18.1 (40)
72	9.4 (0.37)	7.5 (0.30)	6.5 (0.26)	44.5 (1.75)	88.9 (3.5)	18.1 (40)
96	13.2 (0.52)	13.6 (0.54)	12.5 (0.49)	63.5 (2.5)	108 (4.25)	18.1 (40)
144	13.2 (0.52)	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
Laser Optimized 50/125 Multimode OM3	XGLO 300 Low Loss	0.20	0.15	20	30
Laser Optimized 50/125 Multimode OM4	XGLO 550 Low Loss	0.20	0.15	20	30
Singlemode OS1/OS2	XGLO	0.60	0.40	20	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

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

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