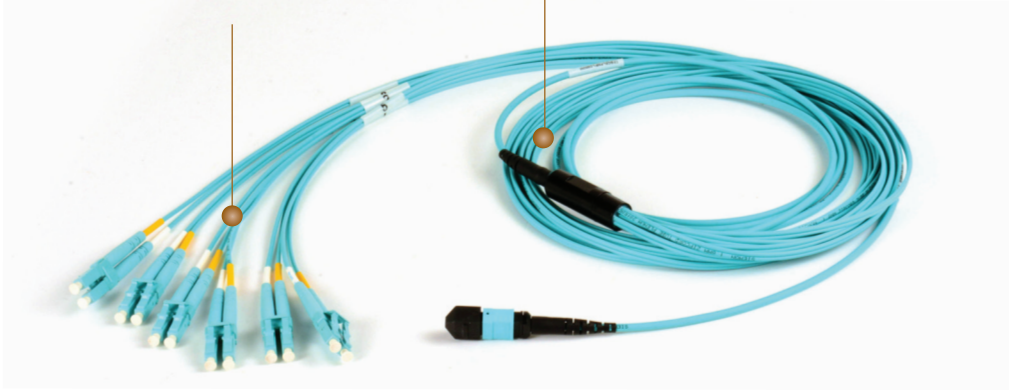


Base 12 MTP[®] to LC Trunks

Utilising high quality Siemon RazorCore™ cable, MTP to LC Trunks offer a connectivity transition from 12-fibre MTP connectors to duplex LC connectors. These 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.

Custom Configurations — Available from 12 to 144 fibre counts in increments of 12 fibres

Multiple Fibre Types — Available in Multimode (62.5/125 and laser optimised 50/125 OM3/OM4) and Singlemode.

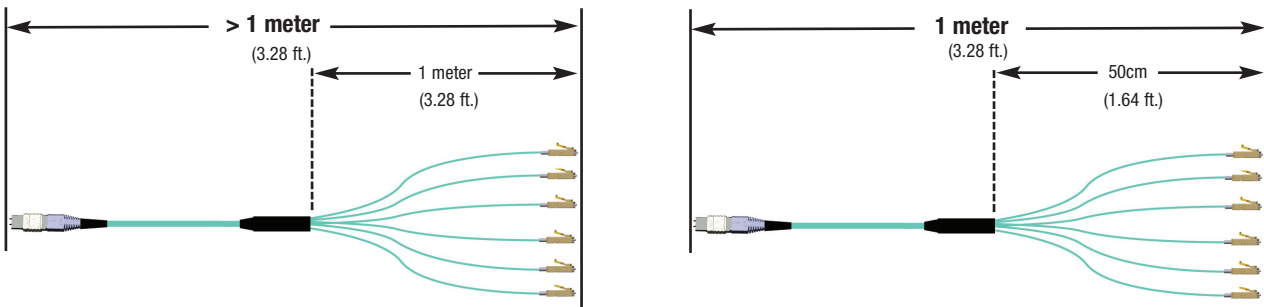


Ordering Information:

T(X)(X)(X)(XX)(X)(XX)LC(XXX)(X). MTP to LC Trunk (distribution to breakout)

<p>Configuration</p> <p>L = Low Loss (OM3/OM4 only) F = Standard Loss</p>	<p>Fibre Count</p> <p>B = 12 C = 24 E = 36 F = 48 G = 72 H = 96 J = 144</p>	<p>Pulling Eye</p> <p>A = Side A B = Side B C = None</p>	<p>Fibre Type</p> <p>6 = OM1, 62.5/125 Multimode Beige 5L = OM3, XGLO 300 50/125 Multimode Aqua 5V = OM4, XGLO 550 50/125 Multimode Aqua EV = OM4, XGLO 550 50/125 Multimode Erika Violet SM = OS1/OS2, Singlemode Yellow</p>	<p>Jacket Rating</p> <p>P = Plenum R = Riser L = LSOH</p>	<p>Length*</p> <p>Length must be 3 digits Example: 003 = 3m 010 = 10 ft.</p>	<p>MTP Connector Gender</p> <p>MM = Male MF = Female</p>	<p>Length Unit</p> <p>F = Feet M = Metres</p>
--	--	---	--	--	---	---	--

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



PRODUCT INFORMATION

Cable - Optical and Physical Specifications

Cable Type	Multimode		Singlemode	
	LightSystem 62.5/125 (850/1300nm)	XGLO 50/125 OM3 (850/1300nm)	XGLO 50/125 OM4 (850/1300nm)	XGLO (1310/1383/1550nm)
Fiber Cable Attenuation MAX (db/km)	3.5/1.0	3.0/1.0	3.0/1.0	0.4/0.4/0.3*
LED Bandwidth, MIN (MHz/km)	200/500	1500/500	3500/500	N/A
Effective Modal Bandwidth, MIN (MHz/km)	N/A	2000	4700	N/A
Cable Outer Jacket, Color (Per TIA-598-C)	Orange	Aqua	Aqua	Yellow

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

Cable & Pulling Eye Assembly - Specifications

Fiber Strand Count	Cable Diameter mm (in)	Min Pulling Eye Bend Radius mm (in)	Max Pulling Eye Diameter mm (in)		*Required Duct Diameter mm (in)	Max Pull Force kg (lbs)
			MTP	LC/SC		
12	3.0 (.12)	380 (15)	3.81 (1.5)	44.5 (1.75)	69.9 (2.75)	18.1 (40)
24	3.8 (.15)	380 (15)	3.81 (1.5)	44.5 (1.75)	69.9 (2.75)	18.1 (40)
36	8.7 (.34)	380 (15)	3.81 (1.5)	63.5 (2.5)	69.9 (2.75)	18.1 (40)
48	8.7 (.34)	915 (36)	44.5 (1.75)	63.5 (2.5)	88.9 (3.5)	18.1 (40)
72	9.4 (.37)	915 (36)	44.5 (1.75)	63.5 (2.5)	88.9 (3.5)	18.1 (40)
96	13.2 (.52)	915 (36)	63.5 (2.5)	82.6 (3.25)	108.0 (4.25)	18.1 (40)
144	13.2 (.52)	915 (36)	63.5 (2.5)	82.6 (3.25)	108.0 (4.25)	18.1 (40)

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

Fiber Type	Performance Class	Max Insertion Loss (db)		Min Return Loss (db)	
		MTP	LC/SC	MTP	LC/SC
Singlemode OS2	XGLO	0.60	0.40	60	55
STD. 62.5/125µm Multimode	LightSystem	0.50	0.50	20	25
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
10G 50/125µm Multimode OM3	XGLO 300 Low Loss	0.20	0.15	20	30
10G 50/125µm Multimode OM4	XGLO 550 Low Loss	0.20	0.15	20	30

Connectors - Physical Specifications

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

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

Worldwide Headquarters
North America
 Watertown, CT USA
 Phone (1) 860 945 4200

Regional Headquarters
Europe Russia Africa
 Chertsey, Surrey, England
 Phone (44) 0 1932 571771

Regional Headquarters
China
 Shanghai, P.R. China
 Phone (86) 215385 0303

Regional Headquarters
Latin America
 Bogota, Colombia
 Phone (571) 657 1950/51/52

Regional Headquarters
India Middle East
 Dubai, United Arab Emirates
 Phone (971) 4 3689743

Regional Headquarters
Asia Pacific
 Sydney, Australia
 Phone (61) 2 8977 7500

Siemon Interconnect Solutions
Watertown, CT USA
 Phone (1) 860 945 4213 US
 www.siemon.com/SIS