

Base 12 MTP[®] to LC Trunks Europe - Euro Class Dca, Cca

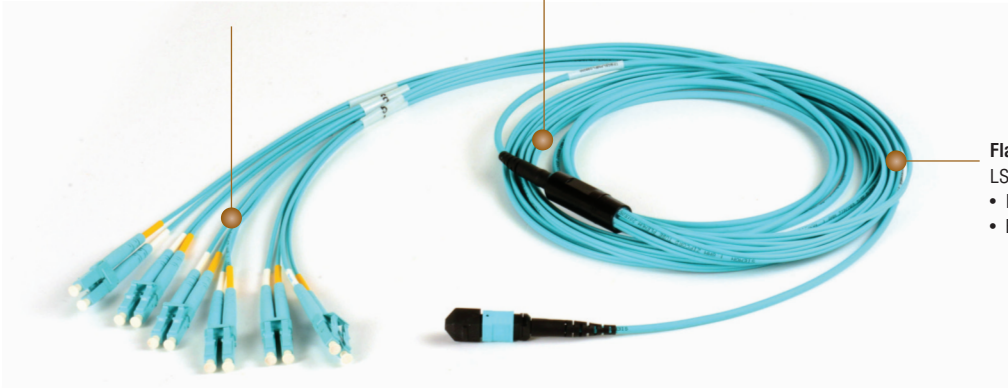
Utilizing high quality Siemon RazorCore™ cable, MTP to LC Trunks offer a connectivity transition from 12-fibre MTP connectors to duplex LC connectors. These may be implemented using Siemon's MTP to MTP Adapter Plates to provide direct MTP to LC patching options over a wide range of distances and infrastructure configurations.

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

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

Flame Standards, CPR Qualification —
LSHF-FR (FRNC)

- IEC 60332-2, IEC 60754-1, IEC 60754-2, IEC 61034
- EN 50575, Class Eca, Dca, Cca s1a, d1, a1

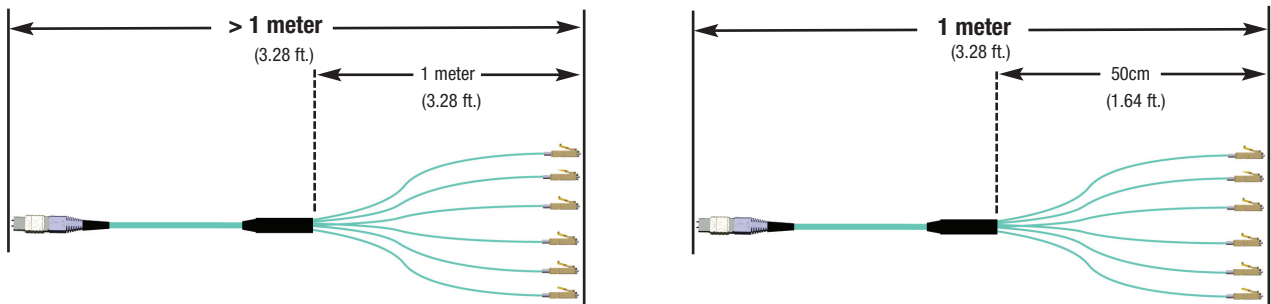


Ordering Information:

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

Configuration L = Low Loss (OM3/OM4 only) F = Standard Loss	Fibre Count** B = 12 C = 24 E = 36 F = 48 G = 72 H = 96 J = 144	Pulling Eye A = Side A B = Side B C = None	Fibre Type SL = OM3, XGLO 300 50/125 Multimode Aqua SV = OM4, XGLO 550 50/125 Multimode Aqua EV = OM4, XGLO 550 50/125 Multimode Erika Violet SM = OS1/OS2, Singlemode Yellow	Jacket Rating L = Class Dca C = Class Cca	Length* Length must be 3 digits Example: 003 = 3m 010 = 10 ft.	MTP Connector Gender MM = Male MF = Female	Length Unit F = Feet M = Metres
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* 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)
** Class Dca is available in 12 through 144 strands
Class Cca is available in 12 through 24 strands



PRODUCT INFORMATION

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

CABLE — Optical and Physical Specifications (Nominal)

Jacket Type	Fiber Strand Count	Cable Diameter mm (in.)	Min Bend Radius Operational mm (in.)	Min Bend Radius Installation mm (in.)	Max Pulling Eye Diameter mm (in.)	*Required Duct Diameter mm (in.)
LSOH D _{ca}	12	3.0 (0.12)	3.0 (0.12)	45 (1.8)	44 (1.75)	69.9 (2.75)
	24	3.6 (.14)	38 (1.5)	57 (2.2)	44.5 (1.75)	69.9 (2.75)
	36	6.5 (0.26)	65 (2.6)	98 (3.3)	63.5 (2.5)	88.9 (3.5)
	48	6.5 (0.26)	65 (2.6)	98 (3.3)	63.5 (2.5)	88.9 (3.5)
	72	7.0 (0.28)	70 (2.8)	105 (4.1)	63.5 (2.5)	88.9 (3.5)
	96	12.5 (0.49)	125 (4.9)	188 (7.4)	88.9 (3.25)	114.3 (4.5)
LSOH C _{ca}	12	3.0 (0.12)	30 (1.2)	60 (2.3)	44.5 (1.75)	69.9 (2.75)
	24	3.6 (0.14)	30 (1.2)	72 (2.8)	44.5 (1.75)	69.9 (2.75)

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

Pulling eye max pull force 18.1kg (40lbs)

Connectors - Optical Specifications

Fiber Type	Performance Class	Max Insertion Loss (db)		Min Return Loss (db)	
		MTP	LC	MTP	LC
Singlemode OS2	XGLO	0.60	0.40	60	55
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

Chertsy, 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