

Base 12 MTP[®] / MTP PRO 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 or MTP PRO 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 fibers

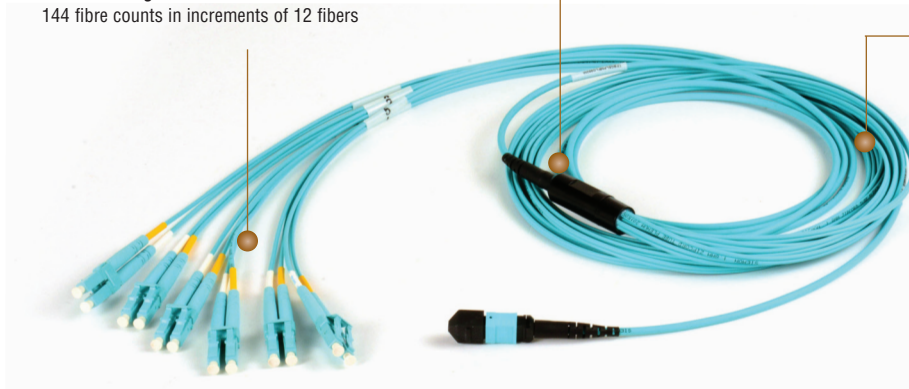
Multiple Fiber Types — Available in Multimode laser optimised 50/125 OM3/OM4) and Singlemode.

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

MTP PRO Connector

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



Ordering Information:

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

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

MTP PRO Activation Tool and PIN Exchangers

Ordering Information:

Part #	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
FT-MP-PE-SM	Field Termination, MTP PRO, Pin Exchanger with SM, with Out Pins
FT-MP-PE-MM	Field Termination, MTP PRO, Pin Exchanger with MM, with Out Pins

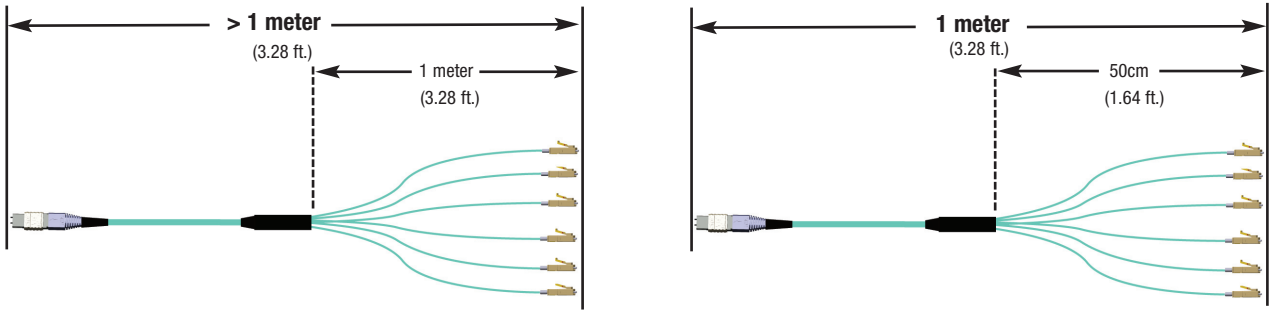


PRODUCT INFORMATION

* 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

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



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 Dca	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 Cca	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.

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