

Base-12 MTP®/ MTP PRO to LC Trunks

Euroclass Dca, Cca

Regional Availability - Europe

Utilizing high quality Siemon RazorCore™ cable, MTP to LC Trunks offer a connectivity transition from 12-fiber 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

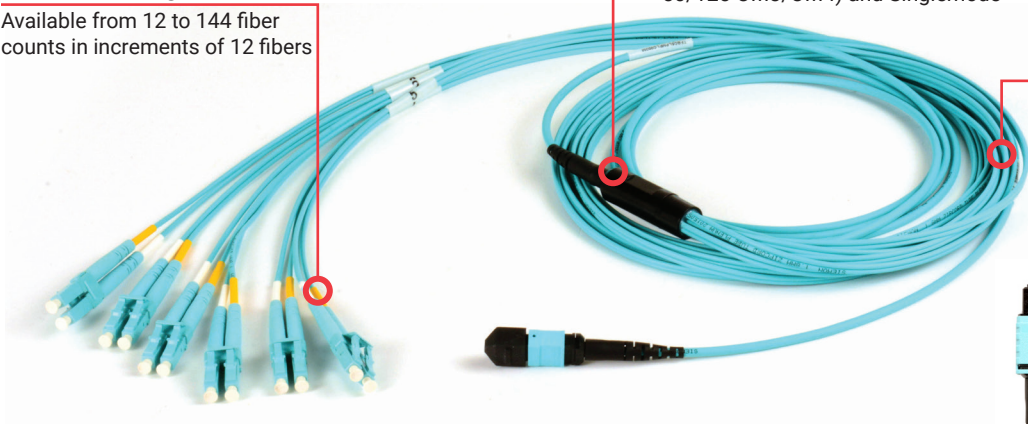
Available from 12 to 144 fiber counts in increments of 12 fibers

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

MTP to LC Trunk (distribution to breakout)

Configuration
L = Ultra Low Loss
F = Standard Loss

Fiber Count
B = 12
C = 24
E = 36
F = 48
G = 72
H = 96
J = 144

Fiber Type
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

Pulling Eye
A = Side A
B = Side B
C = None

MTP Connector Gender
MM = Male Standard
MF = Female Standard
PM = MTP PRO Male
PF = MTP PRO Female

Jacket Rating
L = Class Dca
C = Class Cca

Length Unit
F = Feet
M = Meters

Length*
Length must be 3 digits
Example: 003 = 3m
010 = 10 ft.

T(X)(X)(X)(XX)(X)(XX)LC(XXX)(X)

MTP PRO Activation Tool and PIN Exchangers

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



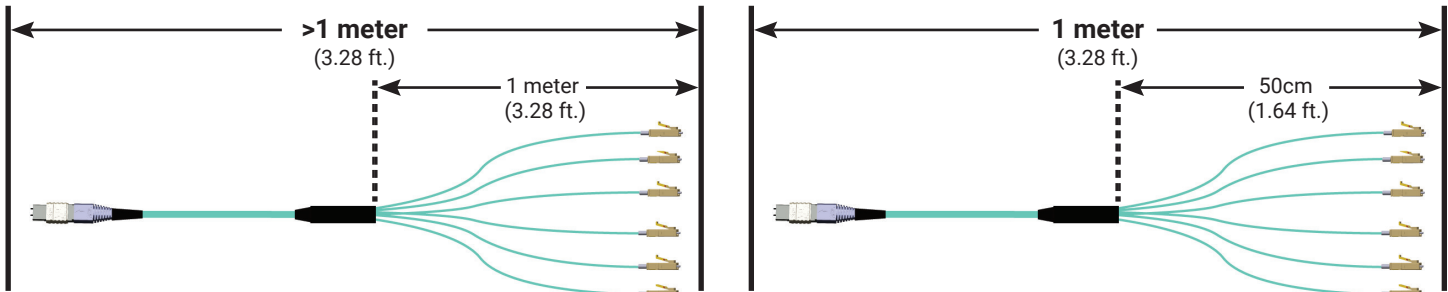
Product Information

* Minimum order length is 1 meter. Order length is measured connector tip to connector tip.
Trunks greater than 1 meter (3.28 ft.) have breakout length of 1 meter. 1 meter 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 and 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-D)	Aqua	Aqua	Yellow

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

Cable - Optical and Physical and 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	144	14.9 (0.59)	149 (5.9)	224 (8.8)	88.9 (3.25)	114.3 (4.5)
	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)

Product Information

Connectors - Optical Specifications

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	0.3	0.2	60	55

Connectors - Physical Specifications

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

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

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