

Base 12 Plug and Play MTP® /MTP PRO to LC BladePatch® Trunks Europe - Euro Class Dca, Cca

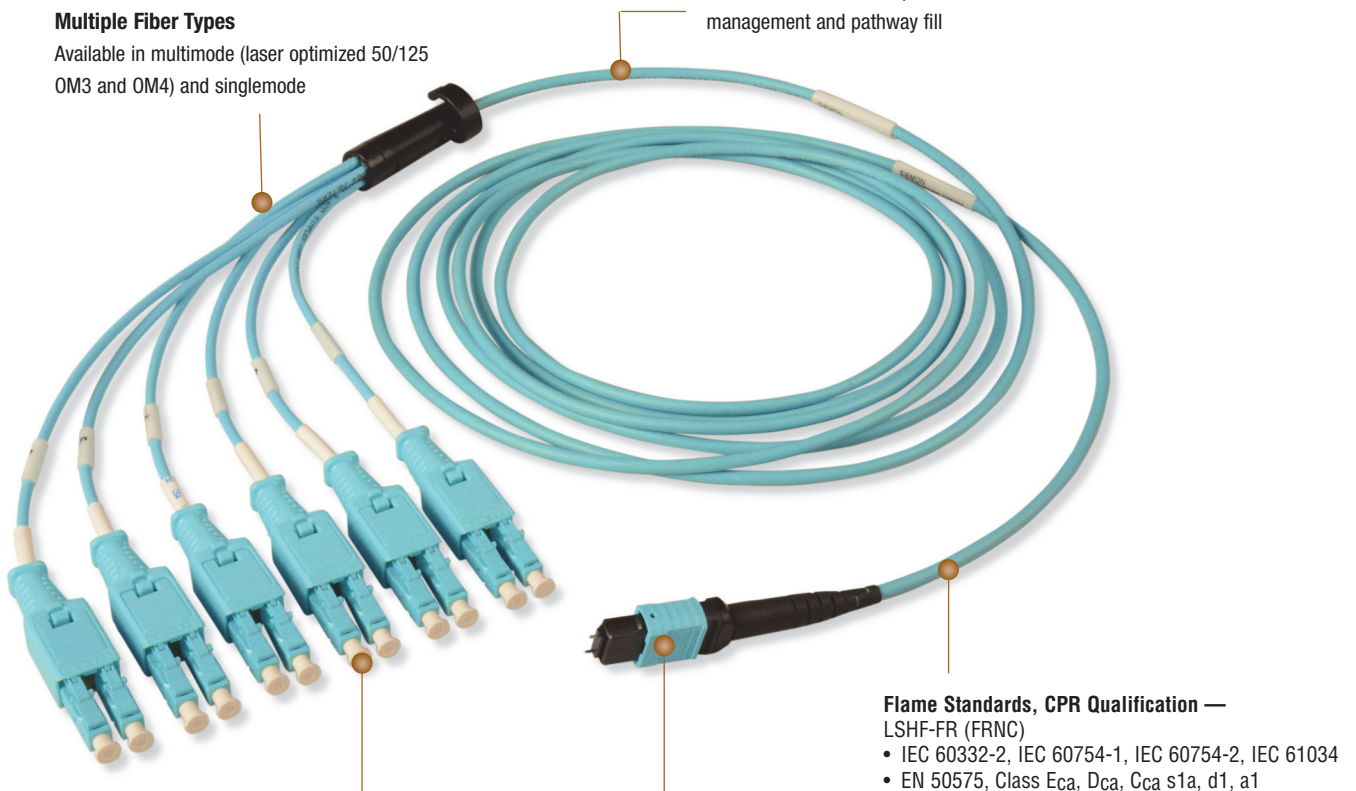
Utilizing high quality Siemon RazorCore™ cable, Base 12 MTP to LC BladePatch Trunks offer a connectivity transition from one 12-fiber MTP or MTP PRO connector to six duplex LC BladePatch connectors that feature an innovative push-pull boot design to control the latch, enabling easy access and removal in tight-fitting areas. Ideal to facilitate interconnects or cross connects between active equipment, these Base 12 MTP to LC BladePatch Trunks 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. These trunks are also available in specific staggered lengths for active equipment including NEXUS, Cisco MDS and Brocade.

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



Enhanced Installation and Removal

Innovative and patented LC BladePatch, push-pull boot design for easy access in high density environment.

Note: Fits with any standard LC opening or LC SFP module. Compatible with industry compliant non-shutter LC adapters. When using internal shutter LC adapters, the LC BladePatch is only compatible with the Siemon version.

Low Profile Boot

Optimizes side-stackability

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

Base 12 MTP to LC BladePatch® Trunks

T(X)(X)B(X)(X)(X)(X)(X)(XX)(XXX)(X)Base 12 to MTP LC BladePatch Trunks

Performance

F = Standard Loss (SM only)
L = Low Loss (OM3/OM4 only)

Connector Option

2 = Standard MTP
P = MTP PRO

Pulling Eye Option

A = MTP Side (for lengths > 5m only)
C = None

Fiber Type

L = OM3, XGLO 300 50/125 Multimode Aqua
V = OM4 XGLO 550 50/125 Multimode
E = OM4 XGLO 550 50/125 Multimode, Erika Violet
A = OS1/OS2 Singlemode

Jacket Rating

L = Class Dca
C = Class Cca

Length Unit

F = Feet
M = Meter

Length*

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

LC BP Connector

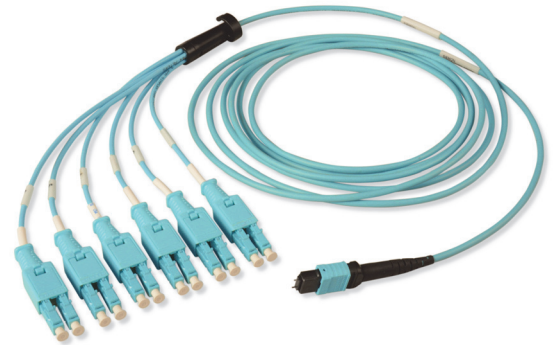
LB = RFP
BL = CFP

Stagger Type

1 = No Stagger
2 = Cisco 9512 & 9412
3 = Cisco NEXUS
4 = Brocade

MTP Gender

M = Male
F = Female



MTP PRO Activation Tool and PIN Exchangers

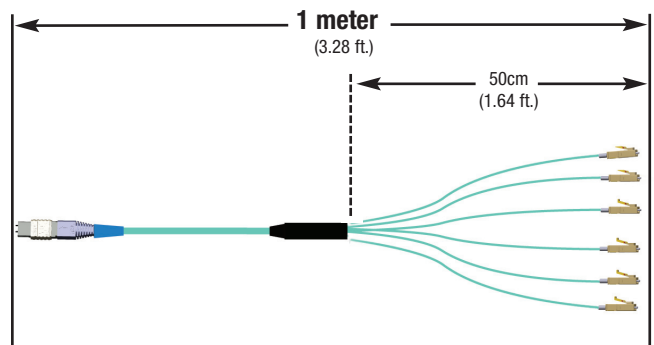
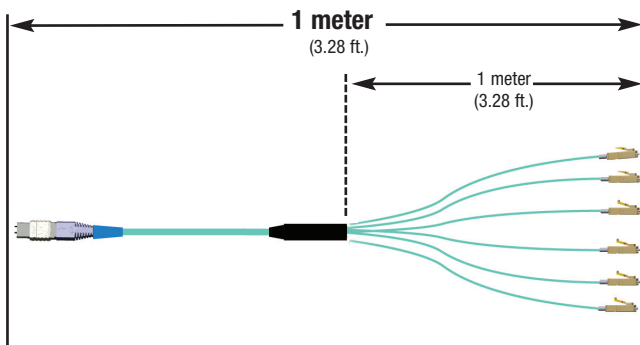
Ordering Information:

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



* 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)

**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 D _{ca}	12	3.0 (0.12)	30 (1.2)	45 (1.8)	44.5 (1.75)	69.9 (2.75)
LSOH C _{ca}	12	3.0 (0.12)	30 (1.2)	60 (2.3)	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
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 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
12-Fiber MTP	IEC 61754-7	TIA/EIA-604-5	Green	Aqua	Black	Black

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 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 (86) 21 5385 0303

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