

Base 8 Plug and Play Trunk Assemblies Europe - Euro Class Dca, Cca

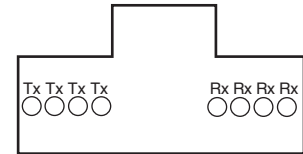
Combining Siemon's reduced-diameter RazorCore™ cable with 8-fiber MTP connectors, Base 8 Plug and Play MTP Trunk Assemblies are designed to be quickly routed and connected to Siemon Plug and Play Modules and MTP Adapter Plates. Custom configurable to precise application requirements, these Base 8 assemblies put high-performance, high density fiber connections exactly where you need them while providing more efficient migration to support high-speed 8-fiber applications.

Multiple Fiber Types

Available in multimode (laser optimized OM3 and OM4 50/125) and singlemode

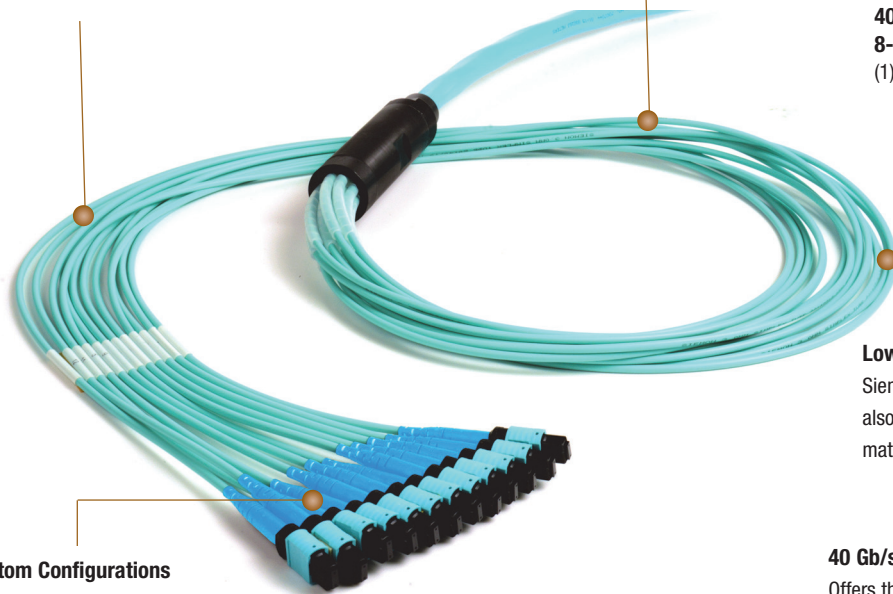
Reduced Pathway Fill

Siemon's RazorCore cable has significantly reduced cable diameter



40GBASE-SR4 8-Fiber and 100GBASE-SR4 8-Fiber MTP

(1) 8 strand MTP trunk is used for one link



Low Loss Versions

Siemon's Plug and Play cable assemblies are also available in low loss multimode for multiple mated pairs in 10/40/100G applications

Custom Configurations

Available from 8 to 144 fiber counts in increments of 8 fibers

40 Gb/s and 100 Gb/s Ready and Beyond

Offers the simplest upgrade path to current and future 8-fiber applications

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

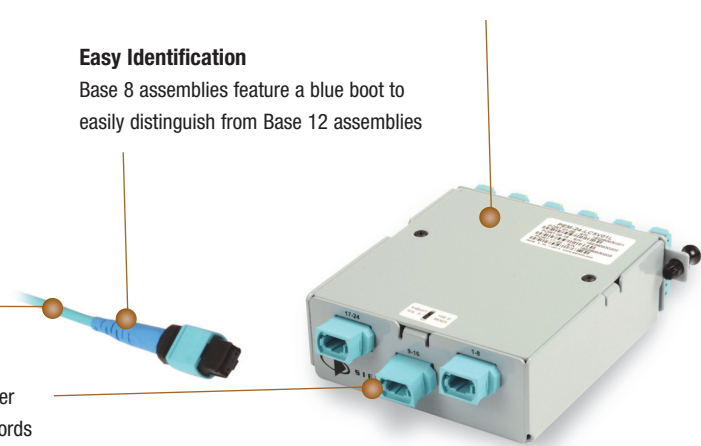
- IEC 60332-2, IEC 60754-1, IEC 60754-2, IEC 61034
- EN 50575, Class Eca, Dca, Cca s1a, d1, a1

Easy Identification

Base 8 assemblies feature a blue boot to easily distinguish from Base 12 assemblies

Cost-Effective with 100% Fiber Utilization

Base 8 MTP assemblies use 100% of fiber in 8-fiber applications, eliminating the need for conversion cords or modules



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}	8	3.0 (0.12)	30 (1.2)	45 (1.8)	44.5 (1.75)	69.9 (2.75)
	16	3.8 (0.15)	38 (1.5)	57 (2.2)	44.5 (1.75)	69.9 (2.75)
	24	3.8 (0.15)	38 (1.5)	57 (2.2)	44.5 (1.75)	69.9 (2.75)
	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}	8	3.0 (0.12)	30 (1.2)	60 (2.3)	44.5 (1.75)	69.9 (2.75)
	16	3.6 (0.14)	30 (1.2)	72 (2.8)	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
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	60	55

Connectors - Physical Specifications

Connector Type	IEC Intermateability Compliance	TIA Intermateability Compliance	Housing Color		Boot Color	
			SM	MM-5L/5V	SM	MM
8-Fiber MTP	IEC 61754-7	TIA/EIA-604-5	Green	Aqua	Blue	Blue