



FO Cables—Central Loose Tube

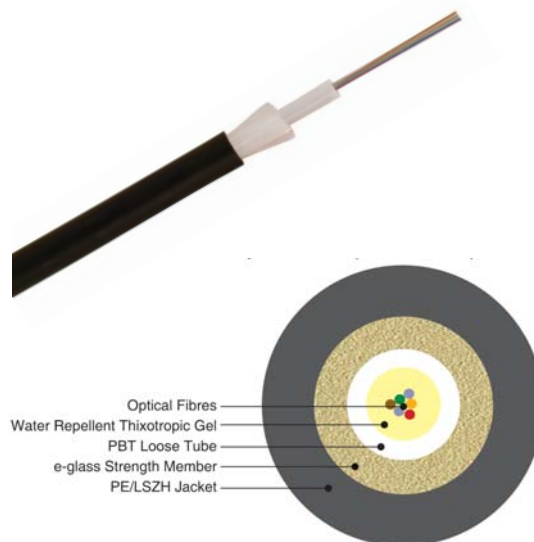
Signamax Central Loose Tube cables are suitable for internal and external duct (or lashed aerial with catenary) use, ideal for campus links without the need for transition cable splicing and on-site fiber splicing. The cables consist of 2 to 24, 250µm optical fibers in central gel filled loose tube with e-glass non metallic strength members and black PE or LSZH jacket with ripcord.

BENEFITS

- Choice of fiber types
- Colour coded fibers
- E-glass strength members for rodent resistance
- Flame retardant LSZH jacket option for enhanced fire performance
- Compact 250 µm loose tube construction

APPLICATIONS

- Suitable for internal / external duct applications
- Ideal for intra building links in campus environments



Technical Specifications

DESCRIPTION (UNIT)	4-CORE LSZH/PE	8-CORE LSZH/PE	12-CORE LSZH/PE	24-CORE LSZH/PE	FEATURES	
Outer Diameter (mm)	6.5 ±0.3	6.5 ±0.3	6.5 ±0.3	6.7 ±0.3	OS1	✓
Weight (kg/km)	40	40	40	47	OM1	✓
Max. Load (installation) (N)	1,000	1,000	1,000	1,000	OM2	✓
Max. Load (installed) (N)	500	500	500	500	OM3	✓
Min. Bend Radius (installation) (mm)	20	20	20	20	OM4	✓
Min. Bend Radius (installed) (mm)	10	10	10	10	Internal Use	✓
Fire Performance	IEC 60332-1				External Use	✓
Operating Temp. (°C)	-20 to +60	-20 to +60	-20 to +60	-20 to +60	Fire Retardant	✓
Storage Temp. (°C)	-30 to +60	-30 to +60	-30 to +60	-30 to +60	Water Resistant	✓
Installation Temp. (°C)	-5 to +40	-5 to +40	-5 to +40	-5 to +40	Rodent Resistant	✓
Crush Resistance (N/10 cm)	1,000	1,000	1,000	1,000	Armored	✗

Central Loose Tube Cables Parameters

FIBRE GRADE	CONSTRUCTION	JACKET	FIBER COUNT
OM1 62.5/125, MM	CLT = Central Loose Tube	LSZH	4 core
OM2 50/125, MM		PE	8 core
OM3 50/125, MM enh			12 core
OM4 50/125, MM 10G+			24 core
OS1 09/125, SM			