

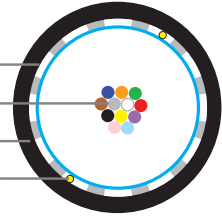


CampusLink CT™ Central Loose Tube

Indoor-outdoor riser, LSZH riser and plenum cable



- Water Blocking Strength Members
- Buffer Tube - up to 12 Fibers
- MDPE Outer Jacket
- Ripcords



Versatile indoor-outdoor flame rated fiber cables – ideal for interbuilding and building transition applications.

Overview

Prysmian’s Express™ Central Loose Tube cables provide versatile cost-effective safety and performance in a smaller package for a combination of indoor spaces and outdoor aerial lashed and duct environments. Different versions are available for riser, LSZH riser and plenum applications.

By enabling placement virtually anywhere in a network, installers can bypass traditional transition points required in many installations and go directly from outdoor to indoor using only one cable. These cables combine flexible dry (gel-free) buffer tube technology and swellable water-blocking materials with a broad line of single-mode and multimode fibers.

Features and Benefits

- Dry design simplifies access & reduces prep time
- Flame-retardant, black UV resistant outer jacket
- Flexible kink-resistant buffer tube for routing & storage
- Interlock armor designs available for added durability
- Available with bend-insensitive fibers
- Available with standard, 1 gigabit and 10 gigabit ethernet multimode fibers
- Will support all high performance networks including OM4/10 gigabit ethernet systems
- Suitable for outdoor aerial lashed and duct installations

Product Snapshot

Applications	Multi-purpose indoor-outdoor aerial lashed, duct, tray
Constructions	Dielectric, single jacket
Flame Ratings	Riser (OFNR / OFCR / FT4) / Plenum (OFNP/OFCP/FT6)
Fiber Count	2 to 12 fibers
Fiber Types	Enhanced single-mode, bend-insensitive, multimode fibers (62.5/125-OM1, 50/125-OM2+, OM3 & OM4)
Options	LSZH jacket, interlock armor
Standards	TIA/EIA-568, ANSI / ICEA S-83-596, Telcordia GR-409, ANSI/ICEA S-104-696, RoHS Compliant



Riser, LSZH Riser and Plenum Dielectric and Interlock Mechanical Specifications

Maximum installation load:	300 lbf	(1335 N)
Maximum operation load:	90 lbf	(400 N)
Riser rated gel-filled:	400 lbf	(1800 N)

Temperature Range

Shipping and Storage:	-40° F to +158° F	(-40° C to +70° C)
Installation:	+14° F to +140° F	(-10° C to +60° C)
Operation:	-40° F to +158° F	(-40° C to +70° C)

Gel-Filled

Shipping and Storage:	-40° F to +158° F	(-40° C to +70° C)
Installation:	-22° F to +140° F	(-30° C to +60° C)
Operation:	-40° F to +158° F	(-40° C to +70° C)

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Nominal Design Parameters

Dry Central Loose Tube | Indoor-Outdoor - Options

	Fiber Count	# of Buffer Tubes	Diameter inches (mm)	Weight lb/kft (kg/km)	Bend Radius Load inches (cm)	Bend Radius No Load inches (cm)
Riser Dielectric (Single Jacket), DRLDB, OFNR/FT4	2 to 12	1	0.31 (7.9)	40 (60)	6 (16)	3 (8)
Riser Interlock Armor, DRLDBAJ, OFCR/FT4	2 to 12	1	0.62 (15.8)	152 (225)	13 (32)	9.3 (24)
LSZH Riser Dielectric (Single Jacket), DDLSZH, OFNR/FT4	2 to 12	1	0.31 (7.9)	43 (64)	6 (16)	3 (8)
LSZH Riser Interlock Armor, DDLSZHBAJ, OFCR/FT4	2 to 12	1	0.31 (7.9)	160 (238)	13 (32)	9.3 (24)
Plenum Dielectric (Single Jacket) DPLDB, OFNP/FT6	2 to 12	1	0.31 (7.9)	36 (53)	5.6 (15)	2.8 (7.1)
Riser Dielectric (Single Jacket), DRLDB, OFNR/FT4	2 to 12	1	0.31 (7.9)	40 (60)	6 (16)	3 (8)
Plenum Interlock Armor, DPLDBAJ, OFCP/FT6	2 to 12	1	0.56 (14.2)	160 (238)	11.2 (29.4)	8.4 (21.3)
Riser Gel-filled (Single Jacket), DRLTB, OFNR/FT4	2 to 12	1	0.34 (8.5)	46 (68)	6.8 (17.2)	3.4 (8.6)

Note: Cable damage may occur if installation temperature limits are exceeded; therefore, Prysmian Group recommends storing I/O cables in appropriate temperature conditions ≥ 24 hours prior to placement.

Riser, LSZH Riser and Plenum Dielectric and Interlock Mechanical Specifications

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 Maximum operation load: 90 lbf (400 N)
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Gel-Filled

Shipping and Storage: -40° F to +158° F (-40° C to +70° C)
 Installation: -22° F to +140° F (-30° C to +60° C)
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Ordering Guide The Prysmian Group part number incorporates several significant attributes involving cable design and optical performance. The appropriate part number can be configured using the process described below.

Example: CampusLink CT central tube | indoor-outdoor riser | dielectric (single jacket) with aluminum interlock armor | 6 62.5/125 multimode fibers (printed in feet)

1 LENGTH MARKINGS	2 PRODUCT FAMILY	3 CONSTRUCTION	4 FIBER GROUPING	5 FIBER TYPE	6 FIBER COUNT	7 FIBER GRADE
F	DRLDB	AJ	00	G6	006	M2

PART NUMBER CONSTRUCTION	
1 LENGTH MARKINGS	F = Feet or M = Meters
2 PRODUCT FAMILY	<p>Dry Tube Riser OFNR / FT4 (2 to 12 fibers)</p> <p>DRLDB = Indoor-Outdoor Riser All-dielectric (single jacket)</p> <p>Gel-Filled Tube Riser OFNR / FT4 (2 to 12 fibers)</p> <p>DRLTB = Indoor-Outdoor Riser, Gel (single jacket)</p> <p>LSZH Dry Tube General Purpose OFNR / FT4 (2 to 12 fibers)</p> <p>DDLSSH = Indoor-Outdoor LSZH All-dielectric (single jacket)</p> <p>Dry Tube Plenum OFNP / FT6 (2 to 12 fibers)</p> <p>DPLDB = Indoor-Outdoor Plenum All-dielectric (single jacket)</p>
3 CONSTRUCTION	<p>(blank) = none</p> <p>AJ = Jacketed Aluminum</p> <p>SJ = Jacketed Steel</p>
4 FIBER GROUPING	00 = No Grouping / CLT

FIBER INFORMATION				
5 FIBER TYPE				
SINGLE-MODE				
HB = Single-Mode (ITU G.652 C & D) Low Water Peak				
ES = Enhanced Single-Mode (ITU G.652 C & D)				
CE = Corning™ SMF28e+ Single-Mode				
B1 = Bend-Insensitive Single-Mode (ITU G.657.A1 & G.652.D)				
B2 = Bend-Insensitive Single-Mode (ITU G.657.A2 & .B2, & G.652.D)				
MULTIMODE				
	Wavelength (nm)	Bandwidth (MHz)	1 GbE Dist (m)	10 GbE Dist (m)
G6 = OM1 (62.5µm)	850/1300	200/500	300/550	33/___
G5 = OM2+ BIF (50µm)	850/1300	700/500	800	150/___
G3 = OM3 BIF (50µm)	850/1300	1500/500	1000	300/___
G4 = OM4 BIF (50µm)	850/1300	3500/500	1100	550/___
6 FIBER COUNT				
002 to 012 fibers				
7 FIBER GRADE				
SINGLE-MODE				
Attenuation (dB/km)	Wavelength (nm)	Fiber Type		
E1 = 0.40/0.40/0.30	1310/1383/1550	HB, ES, or CE		
E3 = 0.35/0.35/0.25	1310/1383/1550	HB, ES, B1, B2, or CE		
MULTIMODE				
Attenuation (dB/km)	Wavelength (nm)	Fiber Type		
M2 = 850/1300	3.5/1.0	OM1 (62.5µm)		
M3 = 850/1300	3.0/1.0	50µm		

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