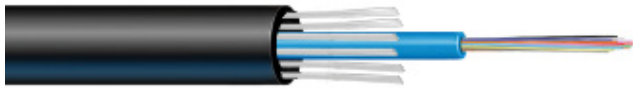


# CampusLink CT™ Central Loose Tube

Indoor/Outdoor Riser, LSZH Riser and Plenum Cable

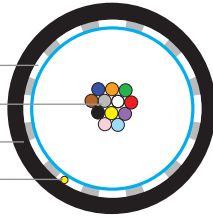


Water Blocking Strength Members

Buffer Tube - up to 12 Fibers

Flame Retardant Outer Jacket

Ripcords



## 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.

## SPECIFICATIONS / RATINGS

**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, CE RoHS Compliant

**Registered Supplier** ISO 9001, ISO 14001, TL 9000, and OHSAS 18001

## 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 OM5/100 gigabit ethernet systems
- Suitable for outdoor aerial lashed and duct installations



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Indoor/Outdoor Riser, LSZH Riser and Plenum Cable



## CampusLink CTTM I/O Central Loose Tube Options (IJ - Dry)

Description	Recommended Fiber Count	Recommended Part Number Prysmian*	# of Buffer Tubes	Diameter		Approx. Cable Weight		Bend Radius   Load		Bend Radius   No Load		Max. Reel Length	
				Inches	mm	lb/kft	kg/km	Inches	cm	inches	cm	feet	meters
Riser, Dielectric Single Jacket OFNR/FT4	2 to 12	DRLDB-00-AA-0nn-BB	1	0.31	7.9	42	62	9	16	4	11	21,325	6,500
Riser, Interlock Armor OFCR/FT4	2 to 12	DRLDBAJ-00-AA-0nn-BB	1	0.62	15.7	157	233	10	32	5	13	20,997	6,400
Riser, LSZH Dielectric Single Jacket OFNR/FT4	2 to 12	DDLSZHB-12-AA-0nn-BB	1	0.31	7.9	42	63	11	29	6	15	21,325	6,500
Riser, LSZH Interlock Armor OFCR/FT4	2 to 12	DDLSZHBAJ-12-AA-0nn-BB	1	0.62	15.7	160	238	13	33	7	16	20,997	6,400
Plenum, Dielectric Single Jacket OFNR/FT4	2 to 12	DPLDB-12-AA-0nn-BB	1	0.28	7.1	36	53	15	37	7	19	21,325	6,500
Plenum, Interlock Armor OFCR/FT4	2 to 12	DPLDBAJ-12-AA-0nn-BB	1	0.56	14.2	119	177	16	40	8	20	20,997	6,400

\* Where AA equals glass type and BB equals attenuation

### Installation

Maximum installation load: 300 lbf (2700 N)  
Maximum operation load: 90 lbf (400 N)

### Temperature Range

Shipping and Storage:	Riser	-40° F to +158° F	(-40° C to +70° C)
	Plenum	-40° F to +158° F	(-40° C to +70° C)
Installation:	Riser	+14° F to +140° F	(-10° C to +60° C)
	Plenum	+41° F to +140° F	(+5° C to +60° C)
Operation:	Riser	-40° F to +158° F	(-40° C to +70° C)
	Plenum	-40° F to +158° F	(-40° C to +70° C)

**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.

# CampusLink CT™ Central Loose Tube

Indoor/Outdoor Riser, LSZH Riser and Plenum Cable



## 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)



### PART NUMBER CONSTRUCTION

<b>1</b> LENGTH MARKINGS
F = Feet or M = Meters
<b>2</b> PRODUCT FAMILY
Dry Tube   Riser   OFNR / FT4 (2 to 12 fibers)
DRLDB = Indoor/Outdoor Riser All-dielectric (single jacket)
LSZH Dry Tube   General Purpose   OFNR / FT4 (2 to 12 fibers)
DDLSZHB = Indoor/Outdoor LSZH All-dielectric (single jacket)
Dry Tube   Plenum   OFNP / FT6 (2 to 12 fibers)
DPLDB = Indoor/Outdoor Plenum All-dielectric (single jacket)
<b>3</b> CONSTRUCTION
(Blank) = None
AJ = Jacketed Aluminum
SJ = Jacketed Steel
<b>4</b> FIBER GROUPING
00 = No Grouping / CLT

### FIBER INFORMATION

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

Other cable constructions and fiber performance grades available on request.



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