

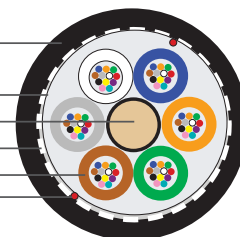


CampusLink LT™ Loose Tube | Indoor/Outdoor

Riser rated cable with gel-filled buffer tubes



- Flame Retardant Jacket
- Flame Retardant Tape
- Central Strength Member
- Water Blocking Tape
- Gel-filled Buffer Tube - up to 12 Fibers
- Ripcord



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

Overview

Prysmian's indoor-outdoor loose tube riser designs provide flame-rated network solutions for a diverse number of network applications. These cables combine traditional gel-filled buffer tubes and swellable water blocking materials with Prysmian's extensive portfolio of single-mode and multimode optical fibers. Incorporating proven outside plant design elements, this cable may be employed in outdoor aerial lashed, duct, and direct buried environments. Because of its application diversity, this advanced product eliminates the necessity/expense for traditional cable transition points once required in legacy systems. Cost savings and system long term reliability are achieved by enabling cable placement virtually anywhere in the network.

Product Snapshot

Applications	Multi-purpose indoor/outdoor - aerial lashed, duct, direct buried
Constructions	Dielectric (single & dual jacket), ezPREP® corrugated armored, interlock armored
Flame Ratings	Riser (OFNR / OFCR / FT4)
Fiber Count	2 to 144 fibers
Fiber Types	Single-mode (ESMF, bend-insensitive) multimode (62.5/125- OM1, 50/125-OM2+, OM3 and OM4)
Standards	TIA/EIA-568, ANSI/ICEA S-83-596, ANSI/ICEA S-104-696, UL-1666, CSA 22.2, Telcordia GR-409, Telcordia GR-20, CE RoHS Compliant
Registered Supplier	ISO 9001, ISO 14001, TL 9000, and OHSAS 18001

Features and Benefits

- Fiber identification using TIA standardized color coding
- Flame retardant, black UV-resistant outer jacket
- Flexible kink-resistant buffer tubes for routing and storage
- Available with bend-insensitive single-mode and multimode optical fibers
- ezINTERLOCK™ armor designs available for added durability
- Supports all high performance networks including OM4/10 Gigabit ethernet systems



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Fiber Count	# of Buffer Tubes	Fibers Per Tube or # of Tubes	Diameter Inches (mm)	Approx. Cable Weight lb/kft (kg/km)	Bend Radius Load Inches (cm)	Bend Radius No Load Inches (cm)
CampusLink LT™ Riser I/O Dielectric (Single Jacket) DRLTB Series OFNR/FT4						
2 - 60	5	12	0.40 (10.1)	67 (99)	8.0 (20.2)	4.0 (10.1)
62 - 72	6	12	0.43 (10.8)	74 (110)	8.6 (21.7)	4.3 (10.9)
74 - 84	7	12	0.47 (12.0)	90 (134)	9.5 (24.0)	4.8 (12.0)
86 - 96	8	12	0.50 (12.8)	103 (153)	10.1 (25.6)	5.1 (12.8)
98 - 108	9	12	0.55 (13.9)	121 (180)	11.0 (27.8)	5.5 (13.9)
110 - 120	10	12	0.57 (14.5)	132 (196)	11.4 (29.0)	5.7 (14.5)
122 - 132	11	12	0.60 (15.4)	149 (221)	12.1 (30.8)	6.1 (15.4)
134 - 144	12	12	0.64 (16.3)	168 (250)	12.9 (33.0)	6.5 (16.5)
CampusLink LT™ Riser I/O Dielectric (Double Jacket) DRLTC Series OFNR/FT4						
2 - 60	5	12	0.52 (13.2)	118 (176)	10.4 (26.4)	5.2 (13.2)
62 - 72	6	12	0.55 (13.9)	128 (191)	11.0 (27.9)	5.5 (14.0)
74 - 84	7	12	0.59 (15.1)	150 (223)	11.9 (30.2)	6.0 (15.1)
86 - 96	8	12	0.63 (15.9)	166 (247)	12.6 (31.8)	6.3 (15.9)
98 - 108	9	12	0.67 (17.0)	190 (282)	13.4 (34.0)	6.7 (17.0)
110 - 120	10	12	0.69 (17.6)	202 (301)	13.9 (35.2)	7.0 (17.6)
122 - 132	11	12	0.73 (18.5)	223 (332)	14.6 (37.0)	7.3 (18.5)
134 - 144	12	12	0.76 (19.4)	247 (367)	15.3 (38.9)	7.7 (19.5)
CampusLink LT™ Riser I/O Corrugated Armor (1A2) DRLTD Series OFCR/FT4						
2 - 60	5	12	0.63 (16.0)	194 (289)	12.6 (32.0)	6.3 (16.0)
62 - 72	6	12	0.66 (16.8)	209 (311)	13.2 (33.6)	6.6 (16.8)
74 - 84	7	12	0.71 (18.0)	237 (353)	14.2 (36.1)	7.1 (18.1)
86 - 96	8	12	0.74 (18.8)	257 (383)	14.8 (37.6)	7.4 (18.8)
98 - 108	9	12	0.78 (19.8)	285 (424)	15.6 (40.0)	7.8 (19.9)
110 - 120	10	12	0.80 (20.3)	303 (451)	16.0 (40.7)	8.0 (20.4)
122 - 132	11	12	0.84 (21.3)	329 (490)	16.8 (42.7)	8.4 (21.4)
134 - 144	12	12	0.88 (22.4)	358 (533)	17.6 (44.7)	8.8 (22.4)

Mechanical Specifications

Maximum installation load: 600 lbf (2670 N)
 Maximum operation load: 180 lbf (800 N)

Temperature Range

Maximum installation load: -58° F to +158° F (-50° C to +70° C)
 Installation: +14° F to +140° F (-10° C to +60° C)
 Operation: -58° F to +158° F (-50° 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.

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 LT™ loose tube, indoor/outdoor riser, gel-filled buffer tubes | dielectric (single jacket) | 12 single-mode fibers per buffer tube 72 fibers total (printed in feet)

1 LENGTH MARKINGS	2 PRODUCT FAMILY	3 CONSTRUCTION	4 FIBER GROUPING	5 FIBER TYPE	6 FIBER COUNT	7 FIBER GRADE
F	DRLTB	BLANK	12	HB	072	E1

PART NUMBER CONSTRUCTION	
1 LENGTH MARKINGS	F = Feet or M = Meters
2 PRODUCT FAMILY	Indoor/Outdoor LT with Gel-filled Buffer Tubes Riser/FT4 DRLTB = Indoor/Outdoor Riser All-dielectric (single jacket) OFNR / FT4 DRLTC = Indoor/Outdoor Riser All-dielectric (double jacket) OFNR / FT4 DRLTD = Indoor/Outdoor Riser Armored (double jacket) OFCR / FT4
3 CONSTRUCTION	(blank) = none AJ = Jacketed Aluminum (use with DRLTB) SJ = Jacketed Steel (use with DRLTB)
4 FIBER GROUPING	12 = 12f per unit or tube
6 FIBER COUNT	002 to 144 fibers

Other cable constructions and fiber performance grades available on request.

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/___	
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)				
M2 = 3.5/1.0	850/1300				
M3 = 3.0/1.0	850/1300				

Prysmian Group

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