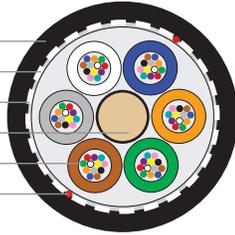


CampusLink LT™ Loose Tube

Indoor/Outdoor Riser Rated Cable with Gel-Filled Buffer Tubes



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



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.

SPECIFICATIONS / RATINGS

- Applications** Multi-purpose indoor/outdoor, aerial, lashed, duct, direct buried
- Constructions** Dielectric (single & dual jacket), ezPREP® corrugated armor, interlock armor
- Flame Ratings** Riser (OFNR / OFCR / FT4)
- Fiber Count** 2 to 288 (Riser) / 2 to 144 (Plenum)
- Fiber Types** Single-mode (ESMF, bend-insensitive)
Multimode (62.5/125-OM1, 50/125-OM2+, OM3, OM4 and OM5)
- 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
- Will support all high performance networks including OM5/100 gigabit ethernet systems



CampusLink LT™ Loose Tube

Indoor/Outdoor Riser Rated Cable with Gel-Filled Buffer Tubes



CampusLink LT™ Riser I/O Dielectric Single Jacket (1J - GEL), DRLTB Series | OFNR/FT4

Fiber Count Range	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
6 - 48	6	DRLTB-12-AA-006-BB	5	0.40	10.1	67	99	8	20	4	10	41,010	12,500
	12	DRLTB-12-AA-012-BB											
	24	DRLTB-12-AA-024-BB											
	36	DRLTB-12-AA-036-BB											
	48	DRLTB-12-AA-048-BB											
72	72	DRLTB-12-AA-072-BB	6	0.43	10.8	74	110	9	22	4	11	41,010	12,500
96	96	DRLTB-12-AA-096-BB	8	0.50	12.8	103	153	10	26	5	13	41,010	12,500
120	120	DRLTB-12-AA-120-BB	10	0.57	14.5	132	196	11	29	6	15	41,010	12,500
144	144	DRLTB-12-AA-144-BB	12	0.64	16.3	168	250	13	33	6	16	41,010	12,500

CampusLink LT™ Riser I/O Dielectric Double Jacket (2J - GEL), DRLTC Series | OFNR/FT4

Fiber Count Range	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
6 - 48	6	DRLTC-12-AA-006-BB	5	0.52	13.2	118	176	10	26	5	13	41,010	12,500
	12	DRLTC-12-AA-012-BB											
	24	DRLTC-12-AA-024-BB											
	36	DRLTC-12-AA-036-BB											
	48	DRLTC-12-AA-048-BB											
72	72	DRLTC-12-AA-072-BB	6	0.55	13.9	128	191	11	28	5	14	41,010	12,500
96	96	DRLTC-12-AA-096-BB	8	0.63	15.9	166	247	13	32	6	16	41,010	12,500
120	120	DRLTC-12-AA-120-BB	10	0.69	17.6	202	301	14	35	7	18	33,524	10,218
144	144	DRLTC-12-AA-144-BB	12	0.76	19.4	247	367	15	39	8	19	33,524	10,218

CampusLink LT™ I/O Riser Corrugated Steel Tape Armor with Double Jackets (1A2J - GEL) DRLTD series | OFCR / FT4

Fiber Count Range	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
6 - 48	6	DRLTD-12-AA-006-BB	5	0.63	16.0	194	289	13	32	6	16	41,010	12,500
	12	DRLTD-12-AA-012-BB											
	24	DRLTD-12-AA-024-BB											
	36	DRLTD-12-AA-036-BB											
	48	DRLTD-12-AA-048-BB											
72	72	DRLTD-12-AA-072-BB	6	0.66	16.8	209	311	13	34	7	17	41,010	12,500
96	96	DRLTD-12-AA-096-BB	8	0.74	18.8	257	383	15	38	7	19	35,656	10,868
120	120	DRLTD-12-AA-120-BB	10	0.80	20.3	303	451	16	41	8	20	25,633	7,813
144	144	DRLTD-12-AA-144-BB	12	0.88	22.4	358	533	18	45	9	22	25,633	7,813

CampusLink LT™ I/O Riser Aluminum Interlocking Armor with Black Inner Jacket & Colored Outer Jacket (1A1 2J - GEL) DRLTBAJ series | OFCR / FT4

Fiber Count Range	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
6 - 48	6	DRLTBAJ-12-AA-006-BB	5	0.73	18.5	204	303	15	37	7	19	14,656	4,467
	12	DRLTBAJ-12-AA-012-BB											
	24	DRLTBAJ-12-AA-048-BB											
	36	DRLTBAJ-12-AA-036-BB											
	48	DRLTBAJ-12-AA-048-BB											
72	72	DRLTBAJ-12-AA-072-BB	6	0.76	19.2	219	326	15	38	8	19	10,827	3,300
96	96	DRLTBAJ-12-AA-096-BB	8	0.83	21.2	269	401	17	42	8	21	11,752	3,582
120	120	DRLTBAJ-12-AA-120-BB	10	0.90	22.8	349	519	18	46	9	23	8,235	2,510
144	144	DRLTBAJ-12-AA-144-BB	12	1.00	25.4	399	594	20	51	10	25	8,235	2,510

* Where AA equals glass type and BB equals attenuation

Installation

Maximum installation load: 600 lbf (2700 N)
Maximum operation load: 180 lbf (800 N)

Temperature Range

Shipping and Storage: -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.



Prysmian

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TLS-DS-B-301-0625

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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 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
Riser / FT4 Dry Tubes OFNR / 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 tube	

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)				
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/___
GW = OM5 (50µm)	850/1300	4700/2470	1100	550/___
6	FIBER COUNT			
002 to 144 fibers				
7	FIBER GRADE			
SINGLE-MODE				
Attenuation (dB/km)	Wavelength (nm)	Fiber Type		
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		
MULTIMODE				
Attenuation (dB/km)	Wavelength (nm)	Fiber Type		
M2 = 3.5/1.0	850/1300	OM1 (62.5µm)		
M3 = 3.0/1.0	850/1300	OM2+, OM3, OM4, OM5 (50µm)		

Other cable constructions and fiber performance grades available on request.

