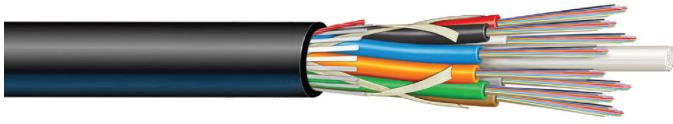
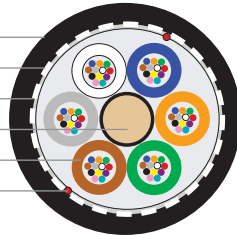


CampusLink LT™ Dry Loose Tube

Indoor/Outdoor Riser and Plenum Cables



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



OVERVIEW

Prysmian's indoor-outdoor dry loose tube riser or plenum designs provide flame-rated network solutions for a diverse number of network applications. These cables combine flexible dry 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 and 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)
Plenum (OFNP / OFCP / FT6)
- 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)
- Standards** TIA/EIA-568, ANSI/ICEA S-83-596, ANSI/ICEA S-104-696, UL-1666, NFPA 262, CSA 22.2 No 230, 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
- Dry buffer tubes simplifies access and reduces prep time
- 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
- Interlock armor designs available for added durability
- Will support all high performance networks including OM5/100 gigabit ethernet systems



Prysmian

4 Tesseneer Drive, Highland Heights, KY 41076
na.prysmian.com
TLS-DS-B-302 1224

CampusLink LT™ Dry Loose Tube

Indoor/Outdoor Riser and Plenum Cables



CampusLink LTTM I/O Riser Dielectric Single Jacket (1J - Dry) DRLDB series | OFNR / FT4

| Fiber Count Range | Recommended Fiber Count | Recommended Part Number | | # of Buffer Tubes | Diameter | | Approx. Cable Weight | | Bend Radius Load | | Bend Radius No Load | | Max. Reel Length | |
|-------------------|-------------------------|-------------------------|-----------------|-------------------|----------|------|----------------------|-------|--------------------|----|-----------------------|----|------------------|--------|
| | | Prysmian* | General Cable** | | Inches | mm | lb/kft | kg/km | Inches | cm | inches | cm | feet | meters |
| 6 - 48 | 6 | DRLDB-12-AA-006-BB | XX0064M1M-DT | 5 | 0.40 | 10.1 | 63 | 93 | 8 | 20 | 4 | 10 | 41,010 | 12,500 |
| | 12 | DRLDB-12-AA-012-BB | XX0124M1M-DT | | | | | | | | | | | |
| | 24 | DRLDB-12-AA-024-BB | XX0244M1M-DT | | | | | | | | | | | |
| | 36 | DRLDB-12-AA-036-BB | XX0364M1M-DT | | | | | | | | | | | |
| | 48 | DRLDB-12-AA-048-BB | XX0484M1M-DT | | | | | | | | | | | |
| 72 | 72 | DRLDB-12-AA-072-BB | XX0724M1M-DT | 6 | 0.43 | 10.8 | 69 | 102 | 9 | 22 | 4 | 11 | 41,010 | 12,500 |
| 96 | 96 | DRLDB-12-AA-096-BB | XX0964M1M-DT | 8 | 0.50 | 12.8 | 96 | 143 | 10 | 26 | 5 | 13 | 41,010 | 12,500 |
| 120 | 120 | DRLDB-12-AA-120-BB | XX1204M1M-DT | 10 | 0.57 | 14.5 | 123 | 183 | 11 | 29 | 6 | 15 | 41,010 | 12,500 |
| 144 | 144 | DRLDB-12-AA-144-BB | XX1444M1M-DT | 12 | 0.64 | 16.3 | 158 | 234 | 13 | 33 | 7 | 16 | 41,010 | 12,500 |
| 216 | 216 | DRLDB-12-AA-216-BB | XX2164M1M-DT | 18 | 0.67 | 17.0 | 153 | 228 | 15 | 37 | 7 | 19 | 41,010 | 12,500 |
| 288 | 288 | DRLDB-12-AA-288-BB | XX2884M1M-DT | 24 | 0.78 | 19.7 | 205 | 305 | 16 | 40 | 8 | 20 | 33,176 | 10,112 |

CampusLink LTTM I/O Riser Dielectric Double Jacket (2J - Dry) DRLDC series | OFNR / FT4

| Fiber Count Range | Recommended Fiber Count | Recommended Part Number | | # of Buffer Tubes | Diameter | | Approx. Cable Weight | | Bend Radius Load | | Bend Radius No Load | | Max. Reel Length | |
|-------------------|-------------------------|-------------------------|-----------------|-------------------|----------|------|----------------------|-------|--------------------|----|-----------------------|----|------------------|--------|
| | | Prysmian* | General Cable** | | Inches | mm | lb/kft | kg/km | Inches | cm | inches | cm | feet | meters |
| 6 - 48 | 6 | DRLDC-12-AA-006-BB | | 5 | 0.52 | 13.2 | 114 | 169 | 10 | 26 | 5 | 13 | 41,010 | 12,500 |
| | 12 | DRLDC-12-AA-012-BB | | | | | | | | | | | | |
| | 24 | DRLDC-12-AA-024-BB | | | | | | | | | | | | |
| | 36 | DRLDC-12-AA-036-BB | | | | | | | | | | | | |
| | 48 | DRLDC-12-AA-048-BB | | | | | | | | | | | | |
| 72 | 72 | DRLDC-12-AA-072-BB | | 6 | 0.55 | 13.9 | 123 | 183 | 11 | 28 | 5 | 14 | 41,010 | 12,500 |
| 96 | 96 | DRLDC-12-AA-096-BB | | 8 | 0.63 | 15.9 | 159 | 237 | 13 | 32 | 6 | 16 | 41,010 | 12,500 |
| 120 | 120 | DRLDC-12-AA-120-BB | | 10 | 0.69 | 17.6 | 194 | 288 | 14 | 35 | 7 | 18 | 33,524 | 10,218 |
| 144 | 144 | DRLDC-12-AA-144-BB | | 12 | 0.77 | 19.4 | 237 | 352 | 15 | 39 | 8 | 19 | 33,524 | 10,218 |

CampusLink LTTM I/O Riser Corrugated Steel Tape Armor with Double Jackets (1A2J - Dry) DRLDD series | OFCR / FT4

| Fiber Count Range | Recommended Fiber Count | Recommended Part Number | | # of Buffer Tubes | Diameter | | Approx. Cable Weight | | Bend Radius Load | | Bend Radius No Load | | Max. Reel Length | |
|-------------------|-------------------------|-------------------------|-----------------|-------------------|----------|------|----------------------|-------|--------------------|----|-----------------------|----|------------------|--------|
| | | Prysmian* | General Cable** | | Inches | mm | lb/kft | kg/km | Inches | cm | inches | cm | feet | meters |
| 6 - 48 | 6 | DRLDD-12-AA-006-BB | | 5 | 0.63 | 16.0 | 190 | 283 | 13 | 32 | 6 | 16 | 41,010 | 12,500 |
| | 12 | DRLDD-12-AA-012-BB | | | | | | | | | | | | |
| | 24 | DRLDD-12-AA-024-BB | | | | | | | | | | | | |
| | 36 | DRLDD-12-AA-036-BB | | | | | | | | | | | | |
| | 48 | DRLDD-12-AA-048-BB | | | | | | | | | | | | |
| 72 | 72 | DRLDD-12-AA-072-BB | | 6 | 0.66 | 16.8 | 204 | 304 | 13 | 34 | 7 | 17 | 41,010 | 12,500 |
| 96 | 96 | DRLDD-12-AA-096-BB | | 8 | 0.74 | 18.8 | 250 | 372 | 15 | 38 | 7 | 19 | 35,656 | 10,868 |
| 120 | 120 | DRLDD-12-AA-120-BB | | 10 | 0.80 | 20.3 | 294 | 438 | 16 | 41 | 8 | 20 | 25,633 | 7,813 |
| 144 | 144 | DRLDD-12-AA-144-BB | | 12 | 0.88 | 22.4 | 347 | 517 | 18 | 45 | 9 | 22 | 25,633 | 7,813 |

CampusLink LTTM I/O Riser Aluminum Interlocking Armor with Black Inner Jacket & Colored Outer Jacket (1A1 2J - Dry) DRLDBAJ series | OFCR / FT4

| Fiber Count Range | Recommended Fiber Count | Recommended Part Number | | # of Buffer Tubes | Diameter | | Approx. Cable Weight | | Bend Radius Load | | Bend Radius No Load | | Max. Reel Length | |
|-------------------|-------------------------|-------------------------|-----------------|-------------------|----------|------|----------------------|-------|--------------------|----|-----------------------|----|------------------|--------|
| | | Prysmian* | General Cable** | | Inches | mm | lb/kft | kg/km | Inches | cm | inches | cm | feet | meters |
| 6 - 48 | 6 | DRLDBAJ-12-AA-006-BB | | 5 | 0.73 | 18.5 | 200 | 297 | 15 | 37 | 7 | 19 | 14,656 | 4,467 |
| | 12 | DRLDBAJ-12-AA-012-BB | | | | | | | | | | | | |
| | 24 | DRLDBAJ-12-AA-048-BB | | | | | | | | | | | | |
| | 36 | DRLDBAJ-12-AA-036-BB | | | | | | | | | | | | |
| | 48 | DRLDBAJ-12-AA-048-BB | | | | | | | | | | | | |
| 72 | 72 | DRLDBAJ-12-AA-072-BB | | 6 | 0.76 | 19.2 | 214 | 319 | 15 | 38 | 8 | 19 | 10,827 | 3,300 |
| 96 | 96 | DRLDBAJ-12-AA-096-BB | | 8 | 0.83 | 21.2 | 263 | 391 | 17 | 42 | 8 | 21 | 11,752 | 3,582 |
| 120 | 120 | DRLDBAJ-12-AA-120-BB | | 10 | 0.90 | 22.8 | 341 | 507 | 18 | 46 | 9 | 23 | 8,235 | 2,510 |
| 144 | 144 | DRLDBAJ-12-AA-144-BB | | 12 | 1.00 | 25.4 | 399 | 594 | 20 | 51 | 10 | 25 | 8,235 | 2,510 |
| 216 | 216 | DRLDBAJ-12-AA-216-BB | | 18 | 1.00 | 25.4 | 405 | 602 | 20 | 51 | 10 | 25 | 6,102 | 1,860 |
| 288 | 288 | DRLDBAJ-12-AA-288-BB | | 24 | 1.11 | 28.1 | 492 | 732 | 22 | 56 | 11 | 28 | 6,102 | 1,860 |

* Where AA equals glass type and BB equals attenuation

** Where XX equals glass type



Prysmian

4 Tesseneer Drive, Highland Heights, KY 41076
na.prysmian.com
TLS-DS-B-302 1224

CampusLink LT™ Dry Loose Tube

Indoor/Outdoor Riser and Plenum Cables



CampusLink LTTM I/O PLENUM Dielectric Single Jacket (1J - Dry) DPLDB series | OFNP / FT6

| Fiber Count Range | Recommended Fiber Count | Recommended Part Number | | # of Buffer Tubes | Diameter | | Approx. Cable Weight | | Bend Radius Load | | Bend Radius No Load | | Max. Reel Length | |
|-------------------|-------------------------|-------------------------|-----------------|-------------------|----------|------|----------------------|-------|--------------------|----|-----------------------|----|------------------|--------|
| | | Prysmian* | General Cable** | | Inches | mm | lb/kft | kg/km | Inches | cm | inches | cm | feet | meters |
| 6 - 48 | 6 | DPLDB-12-AA-006-BB | XX0064MID-DT | 5 | 0.37 | 9.5 | 58 | 86 | 7 | 19 | 4 | 10 | 41,010 | 12,500 |
| | 12 | DPLDB-12-AA-012-BB | XX0124MID-DT | | | | | | | | | | | |
| | 24 | DPLDB-12-AA-024-BB | XX0244MID-DT | | | | | | | | | | | |
| | 36 | DPLDB-12-AA-036-BB | XX0364MID-DT | | | | | | | | | | | |
| | 48 | DPLDB-12-AA-048-BB | XX0484MID-DT | | | | | | | | | | | |
| 72 | 72 | DPLDB-12-AA-072-BB | XX0724MID-DT | 6 | 0.41 | 10.4 | 69 | 103 | 8 | 21 | 4 | 10 | 41,010 | 12,500 |
| 96 | 96 | DPLDB-12-AA-096-BB | XX0964HID-DT | 8 | 0.49 | 12.5 | 101 | 150 | 10 | 25 | 5 | 13 | 41,010 | 12,500 |
| 144 | 144 | DPLDB-12-AA-144-BB | XX1444HID-DT | 12 | 0.62 | 15.8 | 142 | 211 | 12 | 32 | 6 | 16 | 41,010 | 12,500 |

CampusLink LTTM I/O PLENUM Aluminum Interlocking Armor with Black Inner Jacket & Colored Outer Jacket (1A| 2J - Dry) DPLDBAJ series | OFCP / FT6

| Fiber Count Range | Recommended Fiber Count | Recommended Part Number | # 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 | DPLDBAJ-12-AA-006-BB | 5 | 0.65 | 16.4 | 147 | 219 | 13 | 33 | 6 | 16 | 16,345 | 4,982 |
| | 12 | DPLDBAJ-12-AA-012-BB | | | | | | | | | | | |
| | 24 | DPLDBAJ-12-AA-048-BB | | | | | | | | | | | |
| | 36 | DPLDBAJ-12-AA-036-BB | | | | | | | | | | | |
| | 48 | DPLDBAJ-12-AA-048-BB | | | | | | | | | | | |
| 72 | 72 | DPLDBAJ-12-AA-072-BB | 6 | 0.68 | 17.3 | 166 | 247 | 14 | 35 | 7 | 17 | 15,801 | 4,816 |
| 96 | 96 | DPLDBAJ-12-AA-096-BB | 8 | 0.76 | 19.3 | 214 | 319 | 15 | 39 | 8 | 19 | 10,827 | 3,300 |
| 144 | 144 | DPLDBAJ-12-AA-144-BB | 12 | 0.89 | 22.7 | 320 | 476 | 18 | 45 | 9 | 23 | 8,612 | 2,625 |

* Where AA equals glass type and BB equals attenuation

** Where XX equals glass type

Installation

Maximum installation load: 600 lbf (2700 N)

Maximum operation load: 180 lbf (800 N)

Temperature Range

Shipping and Storage: Riser -58° F to +158° F (-50° 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 +32° F to +140° F (0° C to +60° C)

Operation: Riser -58° F to +158° F (-50° 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.



Prysmian

4 Tessenere Drive, Highland Heights, KY 41076
na.prysmian.com
TLS-DS-B-302 1224

CampusLink LT™ Dry Loose Tube

Indoor/Outdoor Riser and Plenum Cables



Ordering Guide

The Prysmian 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 | dry buffer tubes | dielectric (single jacket) with aluminum interlock armor | 12 -62.5/125 multimode fibers per buffer tube | 48 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 | DRLDB | AJ | 12 | G6 | 048 | M2 |

| PART NUMBER CONSTRUCTION | |
|--------------------------|--|
| 1 LENGTH MARKINGS | F = Feet or M = Meters |
| 2 PRODUCT FAMILY | Riser / FT4 Dry Tubes OFNR / FT4 DRLDB = Indoor-Outdoor Riser All-Dielectric (single jacket) 2 to 288 DRLDC = Indoor-Outdoor Riser, All-Dielectric (double jacket) 2 to 144 DRLDD = Indoor-Outdoor Riser, Armored (double jacket) 2 to 144 Plenum / FT6 Dry Tubes OFNP / FT6 DPLDB = Indoor-Outdoor Plenum, All-Dielectric (single jacket) 2 to 144 |
| 3 CONSTRUCTION | (Blank) = None AJ = Jacketed aluminum (use with DRLDB and DPLDB) SJ = Jacketed steel (use with DRLDB and DPLDB) |
| 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) |
| | 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 |
| 6 FIBER COUNT | 002 to 288 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 | Wavelength (nm) | | |
| | M2 = 3.5/1.0 | 850/1300 | | |
| | M3 = 3.0/1.0 | 850/1300 | | |

Other cable constructions and fiber performance grades available on request.



Prysmian

4 Tessenere Drive, Highland Heights, KY 41076
na.prysmian.com
TLS-DS-B-302 1224