

Outside Plant

Dry FlexLink™

LOOSE TUBE CABLE

for Aerial and Duct Applications

Features and Benefits

Dry Water-Blocking Technology

- > Buffer Tube and Core are completely dry--no gel
- > Permits rapid cable preparation and termination
- > Water-Blocking materials are easily removed

Medium Density Polyethylene Jacket

- > Low friction installation
- > Excellent protection from environmental hazards

Sheath Markings

- > Provide positive identification and length verification
- > Custom print available
- > Optional embedded stripe available for additional cable identification

Reverse Oscillated Lay Stranding Method

- > Facilitates mid-span access of fibers

All-Dielectric Construction

- > No bonding or grounding required (note: optional conductors are not dielectric)

Additional Options

- > Twisted copper pairs provide remote power or communications
- > Factory-Installed pulling eye saves time when setting up for cable pulls

Performance

- > Meets or exceeds the performance requirements of Telcordia GR-20, Issue 2 and ICEA 640, and is tested in accordance with relevant EIA-455 series FOTPs for fiber optic cables
- > RDUP listed (tested in accordance with PE-90)

Registered Supplier

- > ISO 9001, ISO 14001, and TL 9000

Performance Specifications



Bend Radius

| | |
|---------|---------------|
| Dynamic | 20 x Cable OD |
| Static | 10 x Cable OD |

Tensile Rating

| | N | lbf |
|--------------|------|-----|
| Installation | 2700 | 600 |
| Residual | 800 | 180 |

Crush Resistance

| | N/cm | lbf/in |
|----------------------|---------|--------|
| Short Term/Long Term | 220/110 | 125/63 |

Temperature Ratings

| | °C | °F |
|------------------|------------|-------------|
| Operation | -40 to +70 | -40 to +158 |
| Installation | -30 to +60 | -22 to +140 |
| Storage/Shipping | -40 to +75 | -40 to +167 |

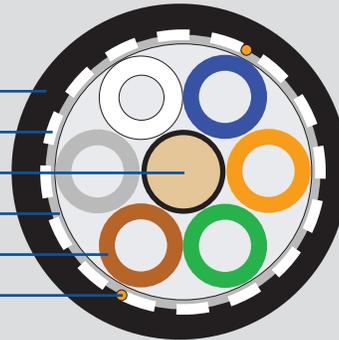
THE RIGHT CHOICE

NOMINAL DESIGN PARAMETERS

| Fiber Count | | 2-60 | 62-72 | 74-96 | 98-120 | 122-144 | 146-216 | 218-264 | 266-288 |
|--------------------------|----------|--------|--------|--------|--------|---------|---------|---------|---------|
| Buffer Tube Count | | 5 | 6 | 8 | 10 | 12 | 18 | 22 | 24 |
| Buffer Tube OD | (mm) | 2.8 | 2.8 | 2.8 | 2.8 | 2.8 | 2.8 | 2.8 | 2.8 |
| Cable OD | (mm) | 11.4 | 12.4 | 14.2 | 15.9 | 17.8 | 18.0 | 20.2 | 21.5 |
| | (inches) | 0.45 | 0.49 | 0.56 | 0.63 | 0.70 | 0.71 | 0.80 | 0.85 |
| Cable Weight | (kg/km) | 80.2 | 93.4 | 120.7 | 151.4 | 190.1 | 173.1 | 216.1 | 254.7 |
| | (lb/kft) | 53.8 | 62.6 | 80.9 | 101.5 | 127.5 | 116.1 | 144.9 | 170.8 |
| Max. Length | (m) | 12,800 | 12,800 | 12,800 | 12,235 | 9,566 | 9,402 | 6,994 | 6,364 |
| | (ft) | 41,984 | 41,984 | 41,984 | 40,141 | 31,384 | 30,846 | 22,940 | 20,874 |

CABLE CONSTRUCTION

- Outer Jacket
- Outer Strength Members (where applicable)
- Central Strength Member
- Water Blocking Tape
- Dry-Blocked Buffer Tube Containing up to 12 Fibers
- Ripcord



ORDERING INFORMATION

Select a part number according to the fiber count you want:

| Fiber Count | 1 | 2 | |
|-------------|--------------------------|--------------------------|-----------|
| 0002-0006 | <input type="checkbox"/> | <input type="checkbox"/> | S1LAJESJA |
| 0008-0036 | <input type="checkbox"/> | <input type="checkbox"/> | T1LAJESJA |
| 0038-0312 | <input type="checkbox"/> | <input type="checkbox"/> | S1LAJESJA |

Note: Standard lay-up for fiber counts of 12 or more is 12 fibers per tube. Please call for custom lay-ups.

Then, use the following options to complete the part number:

| 1 Fiber Type | 2 Attenuation |
|--|--|
| H = G.652.D Single-Mode Low Water Peak | B = 0.35/0.35/0.25 dB/km @ 1310/1383/1550 nm |
| Z = Corning™ SMF-28e+ Fiber | C = 0.40/0.40/0.30 dB/km @ 1310/1383/1550 nm |

Note: Please refer to the Fiber Code Addendum for additional fiber options, or contact us for help.

Example:

If you need a 36 count FlexLink™ Dry Water-Blocked Cable with G.652.D LWP Single-Mode fiber and 0.40/0.40/0.30 attenuation, order Part Number 0036HCT1LAJESJA.

To place an order, contact us in one of the following ways:

700 Industrial Drive, Lexington SC 29072 - (800) 669-0808 (Inside Sales) - Fax (800) 951-5040 - comm.cables@prysmian.com