

ResiLink™



Mini Figure-8 Drop Cable for Aerial and Duct Applications

Features and Benefits

Easy Access Design

- Optical fiber and messenger are accessible using standard wire strippers
- Optical fiber cable sub-unit easily separates from messenger

Ruggedized Fiber Sub-Unit

- Messenger can be removed without exposing the buffer tube
- Fiber sub-unit has tensile strength independent of the messenger
- Fiber sub-unit can be secured in closures or routed into buildings without the messenger

Stranded Stainless Steel Messenger

- Quick, reliable span terminations with No. 5056 Wirevise
- Corrosion resistant
- Flexible and kink resistant
- Bonding/Grounding is simple and reliable
- Messenger can be used for tone location

Versatile Design

- Small cross-section and high strength provide excellent aerial performance
- Can be pulled through duct
- Compact, separable fiber sub-unit maximizes closure utilization

Highly Flexible

- Easy to coil and store in tight spaces
- Cable is not tightly sprung on the reel and will not unspool itself

Sheath Markings

- Provides positive identification and length verification
- Custom print available

Registered Supplier

- ISO 9001, ISO 14001, and TL 9000



ResiLink™

| Bend Radius | mm | inches |
|-------------|-----|--------|
| Dynamic | 172 | 6.7 |
| Static | 86 | 2.6 |

| Tensile Rating | N | lbf |
|--------------------------------|------|-----|
| Maximum Rated Cable Load | 2335 | 525 |
| Maximum Fiber Sub-Unit Tension | 134 | 30 |

| Span Rating* | m | ft |
|---------------------------|-----|-----|
| NESC Light Load District | 137 | 450 |
| NESC Medium Load District | 76 | 250 |
| NESC Heavy Load District | 46 | 150 |

*Minimum 1% installed sag

| Temperature Ratings | °C | °F |
|---------------------|------------|-------------|
| Operation | -40 to +70 | -40 to +158 |
| Installation | -20 to +60 | -4 to +140 |
| Storage/Shipping | -40 to +75 | -40 to +167 |

700 Industrial Drive
Lexington, SC 29072



www.prysmianusa.com

For more information or to place an order, please contact Supply Solutions at 866-978-7759. Courtesy of Prysmian.

Tel (803) 951-4800
Fax (803) 996-1812

Nominal Design Parameters

Dimensions and Weights

| | | | | | |
|--------------|------------------------|-------------------|-------------------|---------------------|--------------------|
| Cable Width | 8.5 mm 0.33 in | Fiber Sub-Unit OD | 4.4 mm 0.17 in | Messenger Jacket OD | 3.7 mm 0.14 in |
| Cable Weight | 55 kg/km 37 lbs/kft | Buffer Tube OD | 2.8 mm 0.11 in | Messenger OD | 2.4 mm 0.094 in |

Package Weights vs. Length

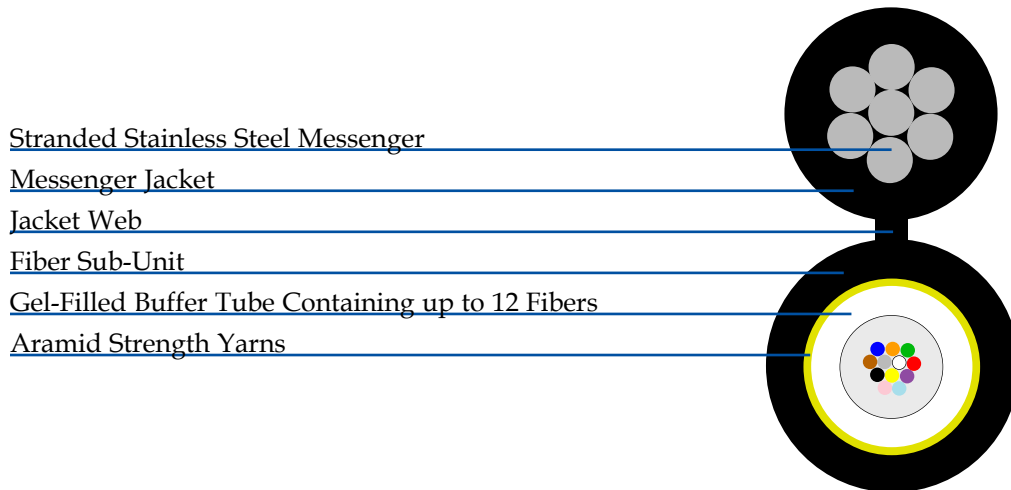
| | | | | | |
|---------|--------|---------|--------|---------|---------|
| 350 m | 33 kg | 500 m | 42 kg | 1000 m | 69 kg |
| 1150 ft | 73 lbs | 1640 ft | 93 lbs | 3281 ft | 151 lbs |

Packaging*

| | | | | | |
|---------------|-----------------|----------------|-----------------|------------|---------------------|
| Reel Diameter | 760 mm 30 in | Traverse Width | 300 mm 12 in | Max Length | 2,000 m 6,560 ft |
|---------------|-----------------|----------------|-----------------|------------|---------------------|

*Note: This reel is not rated for long-term outdoor storage. Consult Prysmian for special packaging requirements.

Cable Construction



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

Fiber Count 1 2
 0001-0012 HNLEDJNZK

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

1 Fiber Type **2** Attenuation
 S = Single-Mode D = 0.40/0.30 dB/km @ 1310/1550 nm
 H = Single-Mode Low Water Peak G.652(d)

Note: Please call if you have special requirements for fiber type or attenuation.

Example:

If you need a 6 count ResiLink™ Cable with Single-Mode fiber with 0.40/0.30 attenuation, order Part Number 0006SDHNLEDJNZK.

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

Telephone (800) 669-0808 (Inside Sales)
 Fax (800) 951-5040
 comm.cables@prysmian.com

For more information or to place an order, please contact Supply Solutions at 866-978-7759. Courtesy of Prysmian.

