

Outside Plant

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

- > Custom print available

Performance

- > RDUP listed (tested in accordance with PE-90)

Registered Supplier

- > ISO 9001, ISO 14001, and TL 9000

Performance Specifications

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



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

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

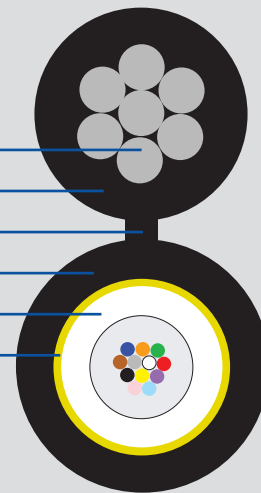
Packaging*

Reel Diameter	760 mm 30 in	Traverse Width	300 mm 12 in	Max Length	2,000 m 6,560 ft
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*Note: This reel is not rated for long-term outdoor storage. Consult Prysmian for special packaging requirements.

CABLE CONSTRUCTION

- Stranded Stainless Steel Messenger
- Messenger Jacket
- Jacket Web
- Fiber Sub-Unit
- Gel-Filled Buffer Tube Containing up to 12 Fibers
- Aramid Strength Yarns



ORDERING INFORMATION

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

H = G.652.D Single-Mode Low Water Peak
 Z = Corning™ SMF-28e+ Fiber

2 Attenuation

B = 0.35/0.35/0.25 dB/km @ 1310/1383/1550 nm
 D = 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 6 count ResiLink™ Cable with G.652.D LWP Single-Mode fiber with 0.40/0.40/0.30 attenuation, order Part Number 0006HDHNLEDJNZK.

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