



ResiLink™ USD

Universal service drop cable (dielectric and toneable)

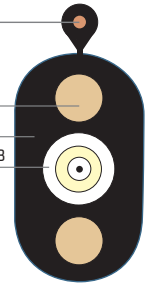


Optional 24 AWG Tracer Wire

Strength Member

Outer Jacket

2.9mm Simplex Sub-Unit w/ 900 micron TB



Features and Benefits

Dual Purpose Design

- The complete cable is used as an outdoor drop
- The inner sub-unit is a stand-alone 3 mm simplex cable with 900 micron tight buffer fiber

All-Dielectric or Toneable

- All-dielectric version eliminates the need for bonding or grounding
- Optional 24 AWG tone wire is easily separated from the cable

Dry Water-Blocking Technology

- Permits rapid cable preparation and termination
- Water-blocking materials are easily removed

Versatile Design

- Robust outer cable stands up to tough conditions in the outside plant
- Outer cable is easily removed for segments that go indoors
- Simplex sub-unit is compact and UL listed for indoor use. 900 micron tight buffer for easy connectorization
- Can be used aerially or in duct

Dual Strength Member Design

- Fits into a standard wedge clamp (P-clamp)
- Fully self-supporting
- A great alternative where steel strength members are not permissible

Medium Density Polyethylene Outer Jacket

- Low friction installation
- Excellent protection from environmental hazards

Sheath Markings

- Provides positive identification and length verification
- Custom print available

Performance

- Complete cable meets GR-20
- Sub-unit is rated OFNR and meets GR-409 (indoor cable)

****NOTE:** that outer cable should be removed prior to installing indoors **

Registered Supplier

- ISO 9001, ISO 14001, TL 9000, and OHSAS 18001

PERFORMANCE SPECIFICATIONS

	mm	inches
Bend Radius		
Dynamic	150	5.9
Static	100	3.9
Tensile Rating	N	lbf
Installation Load	1336	300
Span Rating (all-dielectric)*	m	ft
NESC Light Load District	94	310
NESC Medium Load District	73	240
NESC Heavy Load District	43	140
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

*Minimum 1% installed sag

Dimensions and Weights

	Dielectric	Toneable
Sub-Unit OD	2.9 mm (0.11 in)	2.9 mm (0.11 in)
Cable Thickness	4.7 mm (0.19 in)	4.7 mm (0.19 in)
Cable Width	8.3 mm (0.33 in)	10.3 mm (0.41 in)
Cable Weight	32 kg/km (22 lbs/kft)	36 kg/km (24 lbs/kft)
Max Cable Length	12,500 m (41,000 ft)	12,500 m (41,000 ft)
Reel Size (Max Length)	2,000 m (6,560 ft)	
Compact Reels*		
30" x 12" Reel		
Reel Weight	17 kg (38 lbs)	
Reel Capacity	1,300 m (4,300 ft)	
24" x 12" Reel		
Reel Weight	10 kg (23 lbs)	
Reel Capacity	800 m (2,600 ft)	

*Note: This reel is not rated for long-term outdoor storage. This cable is also available in longer lengths on standard OSP reels.

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: 1 fiber ResiLink™ all-dielectric USD cable with G.657.A2 & G.652.D bend-insensitive single-mode fiber with 0.40/0.40/0.30 attenuation.



PART NUMBER CONSTRUCTION	
1 LENGTH MARKINGS	F = Feet or M = Meters
2 PRODUCT FAMILY	D3D = ResiLink™ USD
3 CONSTRUCTION	NATJ = Non-Armor, Toneable Jacket 1JKT = Single Jacket
4 FIBER GROUPING	01 = 1f per unit or tube

FIBER INFORMATION		
5 FIBER TYPE	SINGLE-MODE	
	B2 = Bend-Insensitive Single-Mode (ITU G.657.A2 & .B2, & G.652.D)	
6 FIBER COUNT	001 fiber	
7 FIBER GRADE	SINGLE-MODE	
	Attenuation (dB/km)	Wavelength (nm) Fiber Type
	E1 = 0.40/0.40/0.30	1310/1383/1550 B2

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