

# ResiLink™ USD

Universal service drop cable (dielectric and toneable)

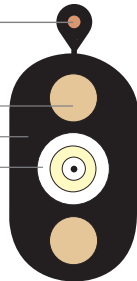


Optional 24 AWG Tracer Wire

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 performance
- 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 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)
- BABA Compliance available upon request

**NOTE:** Outer cable should be removed prior to installing indoors

### Registered Supplier

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

## PERFORMANCE SPECIFICATIONS

Bend Radius	mm	inches
Dynamic	150	5.9
Static	100	3.9
Tensile Rating	N	lbf
Installation Load	1336	300
Span Rating (all-dielectric)*	m	feet
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



### Prysmian

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TLS-DS-A-604-0825

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## Dimensions and Weights

	Dielectric	Toneable
<b>Recommended Part Number</b>	<b>F-D3D1JKT-01-B2-001-E1</b>	<b>F-D3DNATJ-01-B2-001-E1</b>
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)	--
<b>Compact Reels*</b>	--	--
30" x 12" Reel	--	--
Reel Weight	17 kg (38 lbs)	--
Reel Capacity	1,300 m (4,300 ft)	--
<b>24" x 12" Reel</b>	--	--
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 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. (printed in feet)

1 LENGTH MARKINGS	2 PRODUCT FAMILY	3 CONSTRUCTION	4 FIBER GROUPING	5 FIBER TYPE	6 FIBER COUNT	7 FIBER GRADE
F	D3D	1JKT	01	B2	001	E1

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

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

FIBER INFORMATION	
<b>5 FIBER TYPE</b>	SINGLE-MODE B2 = Bend-Insensitive Single-Mode (ITU G.657.A2 & .B2, & G.652.D)
<b>6 FIBER COUNT</b>	1 fiber
<b>7 FIBER GRADE</b>	SINGLE-MODE Attenuation (dB/km)      Wavelength (nm)      Fiber Type E1 = 0.40/0.40/0.30      1310/1383/1550      B2

Other cable constructions and fiber performance grades available on request.

