

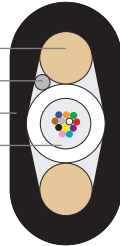
ResiLink™ ADF | Flat Drop Dielectric

All-dielectric flat drop cable (1 to 24 Fibers)

Prysmian



- Strength Member
- Water-Blocking Material
- HDPE Outer Jacket
- Gel-Filled Buffer Tube (up to 24 Fibers)



FEATURES AND BENEFITS

Easy Access Design

- The jacket can be easily opened with a knife
- The buffer tube is easily separated from the jacket and strength members
- The 3.0 mm buffer tube provides protection when routing fibers to the splice tray

All-Dielectric Messengers

- No bonding or grounding required
- Flexible and kink resistant

Dry Water-Blocking Technology

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

Versatile Design

- Small cross-section and high strength provide good aerial performance
- Can be pushed or pulled through duct
- Highly crush-resistant

Dual Strength Member Design

- More flexible than a single, all-dielectric rod of the same strength
- Easier to handle and coil than comparable all-dielectric figure-8 designs
- A great alternative where steel strength members are not permissible

High Density Polyethylene Jacket

- Low friction installation
- Excellent protection from environmental hazards

Sheath Markings

- Provides positive identification and length verification

Performance

- Complies with Telcordia GR20 and ICEA 717

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		
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		
Installation SAG	Maximum Span Distance			
	NESC Heavy ft (m)	NESC Medium ft (m)	NESC Light ft (m)	
	1%	150 (45)	260 (79)	330 (100)
	1.5%	160 (49)	280 (85)	370 (112)
3%	185 (56)	330 (100)	450 (137)	

Dimensions and Weights

Buffer Tube OD	3.0 mm (0.12 in)
Cable Thickness	4.3 mm (0.17 in)
Cable Width	8.3 mm (0.33 in)
Cable Weight	34 kg/km (23 lbs/kft)
Max Cable Length	10,000 m (32,808 ft)

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TLS-DS-A-602-0921

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Prysmian Part Number*	General Cable Part Number**	Fiber Count
DFD1JKT-12-AA-001-BB	XX0014U1A	1
DFD1JKT-12-AA-002-BB	XX0024U1A	2
DFD1JKT-12-AA-004-BB	XX0044U1A	4
DFD1JKT-12-AA-006-BB	XX0064U1A	6
DFD1JKT-12-AA-012-BB	XX0124U1A	12
DFD1JKT-24-AA-024-BB	XX0244U1A	24

* Where AA equals glass type and BB equals attenuation

** Where XX equals glass type

Package Options

Package	Dimensions H x W x D		Capacity		Ship Weight	
	inches	cm	feet	m	lbs	kg
18" Plywood Reel	18 x 15 x 8	46 x 38 x 20	2600	800	74	33.6
29.5" Plywood Reel	29.5 x 18 x 12	76 x 46 x 30	8000	2450	249	113

*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: ResiLink flat dielectric, flat drop (12 fibers/tube) with 2 single-mode fibers (printed in feet)

1 LENGTH MARKINGS	2 PRODUCT FAMILY	3 CONSTRUCTION	4 FIBER GROUPING	5 FIBER TYPE	6 FIBER COUNT	7 FIBER GRADE
F	DFD	1JKT	12	B1	002	E3

PART NUMBER CONSTRUCTION	
1 LENGTH MARKINGS	F = Feet or M = Meters
2 PRODUCT FAMILY	DFD = ResiLink™ All-Dielectric Flat Drop Cable
3 CONSTRUCTION	1JKT = Single Jacket
4 FIBER GROUPING	12 = 12f per tube 24 = 24f per tube (for 14 to 24 fiber counts)

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

FIBER INFORMATION		
5 FIBER TYPE	SINGLE-MODE	
	B1 = Bend-Insensitive Single-Mode (ITU G.657.A1 & G.652.D)	
	CU = Corning™ SMF28® Ultra Single-Mode (ITU G.657.A1 & G.652.D)	
	B2 = Bend-Insensitive Single-Mode (ITU G.657.A2 & .B2, & G.652.D)	
6 FIBER COUNT	1 to 24 fibers	
7 FIBER GRADE	SINGLE-MODE	
	Attenuation (dB/km)	Wavelength (nm)
	E3 = 0.35/0.35/0.25	1310/1383/1550
		Fiber Type
		B1, CU, or B2

Other cable constructions and fiber performance grades available on request.

Mounting Hardware - Clamp

Manufacturer	Catalog Number	Clamp Description
Belden	23-88881	2 Pair Stainless Steel Drop Wire Clamp



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