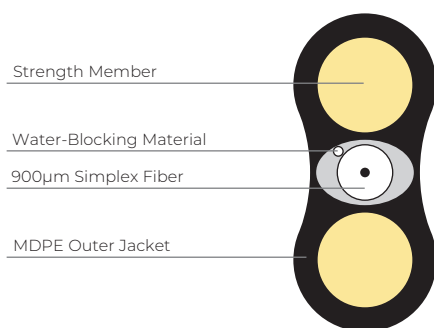


# ResiLink™ Mini-Flat Drop Dielectric

All-dielectric flat drop with simplex 900µm fiber



## FEATURES AND BENEFITS

### Easy Access Design

- The jacket can be easily opened with snips or side-cutters
- The 900µm Tight Buffered fiber is easily separated from the jacket and outer strength members

### 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

- 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

### Medium Density Polyethylene Jacket

- Low friction installation
- Excellent protection from environmental hazards

### Sheath Markings

- Ink-jet printing provides positive identification and length verification

### Performance

- Complies with Telcordia GR20 and ICEA 717
- BABA Compliance available upon request

### Registered Supplier

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



## PERFORMANCE SPECIFICATIONS

Bend Radius		mm	inches
Dynamic		72	2.84
Static		58	2.30
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)
	150 (45)	255 (78)	330 (100)
	160 (49)	270 (82)	370 (112)
	185 (56)	320 (97)	450 (137)

## Dimensions and Weights

Tight Buffered Fiber OD	0.9mm (0.04 in)
Cable Thickness	3.0mm (0.12 in)
Cable Width	6.3mm (.25 in)
Cable Weight	19.4kb/km (13 lbs/kft)
Max Cable Length	8,500m (27,800 ft)



Prysmian

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# ResiLink™ Mini-Flat Drop Dielectric

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Prysmian Part Number*	Fiber Count
FMD1JKT-01-B2-001-E7	1

\* Where B2 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	10,150	3100	130	59
29.5" Plywood Reel	29.5 x 18 x 12	76 x 46 x 30	27,800	8500	356	162

\*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:** ResiLink Mini-Flat Drop, dielectric, with simplex 900um tight buffered fiber (printed in feet)

1 LENGTH MARKINGS	2 PRODUCT FAMILY	3 CONSTRUCTION	4 FIBER GROUPING	5 FIBER TYPE	6 FIBER COUNT	7 FIBER GRADE
F	FMD	1JKT	01	B2	001	E7

PART NUMBER CONSTRUCTION	
1	LENGTH MARKINGS
F = Feet, M = Meters or B = BABA Compliant in Feet	
2	PRODUCT FAMILY
FMD = ResiLink™ All-Dielectric Mini-Flat Drop	
3	CONSTRUCTION
1JKT = Single Jacket	
4	FIBER GROUPING
01=Simplex 900um Tight Buffered	

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

FIBER INFORMATION	
5	FIBER TYPE
SINGLE-MODE	
B2 = Bend-Insensitive Single-Mode (ITU G.657.A2 & .B2, & G.652.D)	
6	FIBER COUNT
1 fiber	
7	FIBER GRADE
SINGLE-MODE	
Attenuation (dB/km)	Wavelength (nm)
E7 = 0.40/0.40/0.30	1310/1383/1550
Fiber Type	
B1 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

