

ResiLink™ 36/48 | Flat Drop Toneable

Toneable flat drop cable (36 or 48 Fibers)



24 AWG Tracer Wire

Strength Member

Water-Blocking Material

HDPE Outer Jacket

2 Gel-Filled Buffer Tubes (36F Version Shown)

Water-Blocking Material



FEATURES AND BENEFITS

Easy Access Design

- The jacket can be easily opened with a knife
- The buffer tubes are easily separated from the jacket and strength members
- **36 or 48f:** The 2.2 mm buffer tubes provide protection when routing fibers to the splice tray

External Tracer Wire in a Wedded Configuration

- Simplifies location of the cable after installation
- Can be grounded or accessed without opening the rest of the cable
- Easily separated from the rest of the cable without compromising the jacket

Toneable Messengers

- May require bonding or grounding
- 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 rod of the same strength
- Easier to handle and coil than comparable Toneable 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
- BABA Compliance available upon request

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)
	150 (45)	260 (79)	330 (100)
	160 (49)	280 (85)	370 (112)
	185 (56)	330 (100)	450 (137)

Dimensions and Weights

Buffer Tube OD	2.2 mm (0.12 in)
Cable Thickness	3.5 mm (0.17 in)
Cable Width	11.9 mm (0.33 in)
Cable Weight	42.1 kg/km (23 lbs/kft)
Max Cable Length	10,000 m (32,808 ft)



Prysmian

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TLS-DS-A-608-0825

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Prysmian Part Number*	Fiber Count
DFDNATJ-24-AA-036-BB	36
DFDNATJ-24-AA-048-BB	48

* Where AA equals glass type and BB equals attenuation

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 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 toneable flat drop (24 fibers/tube) with 36 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	NATJ	24	B1	036	E3

PART NUMBER CONSTRUCTION	
1	LENGTH MARKINGS
F = Feet, M = Meters, or B = BABA Compliant in Feet	
2	PRODUCT FAMILY
DFD = ResiLink™ Toneable Flat Drop Cable	
3	CONSTRUCTION
NATJ = Non-Armor, Toneable Jacket	
4	FIBER GROUPING
24F per buffer tube (36F will have 24 fibers in the Blue, and 12 fibers in the Orange tube)	

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)		
B2 = Bend-Insensitive Single-Mode (ITU G.657.A2 & .B2, & G.652.D)		
6	FIBER COUNT	
36 or 48 fibers		
7	FIBER GRADE	
SINGLE-MODE		
Attenuation (dB/km)	Wavelength (nm)	Fiber Type
E3 = 0.40/0.405/0.30	1310/1383/1550	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

