

# ResiLink™ TF | Flat Drop Toneable

Toneable flat drop cable (1 to 24 Fibers)



# Prysmian



24 AWG Tracer Wire

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

### 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

### 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 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	10.5 mm (0.41 in)
Cable Weight	39 kg/km (26 lbs/kft)
Max Cable Length	10,000 m (32,808 ft)

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1

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TLS-DS-A-603-0523

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Prysmian Part Number*	General Cable Part Number**	Fiber Count
DFDNATJ-12-AA-001-BB	XX00164U1A.TF	1
DFDNATJ-12-AA-002-BB	XX0024U1A.TF	2
DFDNATJ-12-AA-004-BB	XX0044U1A.TF	4
DFDNATJ-12-AA-006-BB	XX0064U1A.TF	6
DFDNATJ-12-AA-012-BB	XX0124U1A.TF	12
DFDNATJ-24-AA-024-BB	XX0244U1A.TF	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	1800	550	55	24.9
29.5" Plywood Reel	29.5 x 18 x 12	76 x 46 x 30	8000	2450	243	110.2

\*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 toneable, 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	NATJ	12	B1	002	E3

PART NUMBER CONSTRUCTION	
<b>1 LENGTH MARKINGS</b>	F = Feet or M = Meters
<b>2 PRODUCT FAMILY</b>	DFD = ResiLink™ All-Dielectric Flat Drop Cable
<b>3 CONSTRUCTION</b>	NATJ = Non-Armor, Toneable Jacket
<b>4 FIBER GROUPING</b>	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		
<b>5 FIBER TYPE</b>	<b>SINGLE-MODE</b>	
	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)	
<b>6 FIBER COUNT</b>	1 to 24 fibers	
<b>7 FIBER GRADE</b>	<b>SINGLE-MODE</b>	
	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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2

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