

ResiLink™ TF | Flat Drop Toneable

Toneable flat drop cable (1 to 24 Fibers)



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)
	150 (45)	260 (79)	330 (100)
	160 (49)	280 (85)	370 (112)
	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)



Prysmian

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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	
1	LENGTH MARKINGS
	F = Feet or M = Meters
2	PRODUCT FAMILY
	DFD = ResiLink™ All-Dielectric Flat Drop Cable
3	CONSTRUCTION
	NATJ = Non-Armor, Toneable 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)	Fiber Type
E3 = 0.35/0.35/0.25	1310/1383/1550	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

