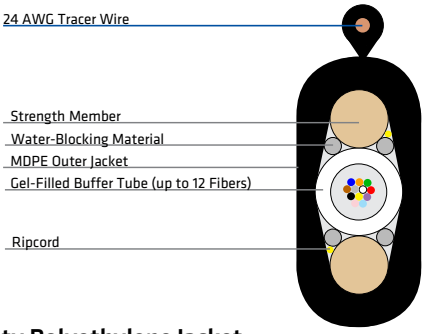
Prysmian Group

PRYSMIAN Draka

ResiLink™ TF

Toneable Flat Drop Cables for Duct Applications



Features and Benefits

Easy Access Design

- The jacket can be easily opened with a knife and the included ripcords
- The buffer tube is easily separated from the jacket and strength members

External Tracer Wire in a Webbed 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

- Provides more flexibility than a single rod of the same strength
- Easier to handle and coil than comparable 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

- Provides positive identification and length verification
- Custom print available

Performance

- RDUP listed (tested in accordance with PE-90)

Registered Supplier

- ISO 9001, ISO 14001, and TL 9000

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

*Minimum 1% installed sag

Dimensions and Weights

Buffer Tube OD	2.8 mm (0.11 in)
Cable Thickness	5.0 mm (0.20 in)
Cable Width	11.25 mm (0.44 in)
Cable Weight	42 kg/km (28 lbs/kft)
Max Cable Length	25,000 m (82,000 ft)

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Package Options

Package	Dimensions H x W x D Inches (cm)	Capacity ft (m)	Ship Weight 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)
24" Plywood Reel	23.5 x 9.25 x 12 (60 x 25 x 30)	1800 (550)	73 (33.1)
30" Plywood Reel	29 x 12 x 12 (74 x 30 x 30)	3000 (925)	122 (553)

*Note: This reel is not rated for longterm outdoor storage. This cable is also available in longer lengths on stanadard 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	– HB	– 002	– E3

PART NUMBER CONSTRUCTION

1 LENGTH MARKINGS

F = Feet or M = Meters

2 PRODUCT FAMILY

DFD = ResiLink Flat Drop Cable

3 CONSTRUCTION

NATJ = Non- Armor, Toneable Jacket

4 FIBER GROUPING

12 = 12f per unit or tube

Mounting Hardware - Clamp

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

Hardware available at:
Power & Telephone Supply Company: 800-238-7514
Graybar: 800-472-9227

FIBER INFORMATION

5 FIBER TYPE

SINGLE-MODE
HB = Single-Mode (ITU G.652 C & D) Low Water Peak
ES = Enhanced Single-Mode (ITU G.652 C & D)
CE = Corning™ SMF28e+ Single-Mode
BB = BendBright Single-Mode (ITU G.657.A1 & G.652.D)
BX = BendBrightXS Single-Mode (ITU G.657.A2 & .B2, & G.652.D)

MULTIMODE	Wavelength (nm)	Bandwidth (MHz)	1 GbE Dist (m)	10 GbE Dist (m)
G6 = OM1 (62.5µm)	850/1300	200/500	300/550	33/___
G5 = OM2+ BIF (50µm)	850/1300	700/500	800	150/___
G3 = OM3 BIF (50µm)	850/1300	1500/500	1000	300/___
G4 = OM4 BIF (50µm)	850/1300	3500/500	1100	550/___

6 FIBER COUNT

001 to 012 fibers

7 FIBER GRADE

SINGLE-MODE Attenuation (dB/km)	Wavelength (nm)	Fiber Type
E1 = 0.40/0.40/0.30	1310/1383/1550	HB, ES, CE, BB, or BX
E3 = 0.35/0.35/0.25	1310/1383/1550	HB, ES, CE, BB, or BX

MULTIMODE Attenuation (dB/km)	Wavelength (nm)
M2 = 3.5/1.0	850/1300
M3 = 3.0/1.0	850/1300

Other cable constructions and fiber performance grades available on request.

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