# ResiLink™ 36/48 | Flat Drop Toneable
Toneable flat drop cable (36 or 48 Fibers)

# Prysmian



- 24 AWG Tracer Wire
- Strength Member
- Water-Blocking Material
- HDPE Outer Jacket
- 2 Gel-Filled Buffer Tubes (36F Version Shown)
- Water-Blocking Material
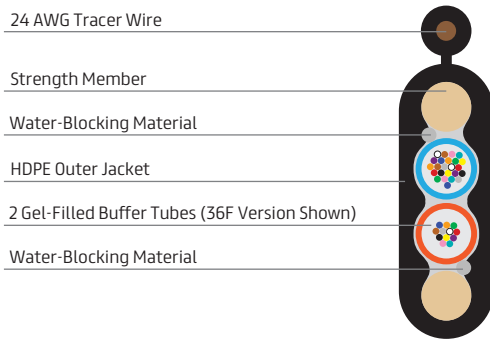
## FEATURES AND BENEFITS

### 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

### 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 | 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) |

# ResiLink™ 36/48 ADF | Flat Drop Toneable
Toneable flat drop cable (36 or 48 Fibers)

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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 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 (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 or M = Meters

**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)

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**

36 or 48 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 |

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