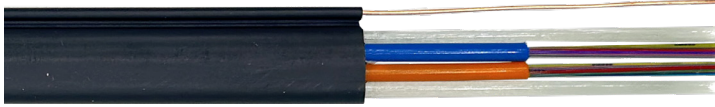


# ResiLink™ 36/48 | Flat Drop Toneable

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<br>SAG | Maximum Span Distance |                       |                      |
|                     | NESC Heavy<br>ft (m)  | NESC Medium<br>ft (m) | NESC Light<br>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 (0.14 in)        |
| Cable Width      | 11.9 mm (0.47 in)       |
| Cable Weight     | 42.1 kg/km (23 lbs/kft) |
| Max Cable Length | 10,000 m (32,808 ft)    |



### Prysmian

4 Tesseneer Drive, Highland Heights, KY 41076  
na.prysmian.com  
TLS-DS-A-608-0226

# ResiLink™ 36/48 | Flat Drop Toneable

Toneable flat drop cable (36 or 48 Fibers)



| 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           | E1            |

| 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 |
| E1 = 0.40/0.40/0.30   | 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 |

