Highly compact, high performance cable.

Round Design - ideal for microduct applications.

Flat Design - ideal for aerial drop applications.

OVERVIEW

Prysmian's FlexDrop cable design is the ideal cable for Outdoor applications where a small diameter, highly flexible cable is needed, and mass fusion splicing is desired. The FlexDrop design contains up to two 12 fiber FlexRibbons in a central core design with an overall compact diameter.

The round design (RRD) is for blown applications into microduct only. The flat design (RFD) is for flat drop applications.

SPECIFICATIONS / RATINGS

**Constructions**  Dry Core, Dielectric, Central Core Design

**Fiber Count**  12 or 24 fibers in 12 fiber flexible ribbons

**Fiber Types**  250um Single-mode bend insensitive

**Standards**  Tested in accordance with:

- Round Cable (RRD) - ICEA-744 Microduct
- Flat Drop Cable (RFD) - ICEA-717 Drop

**Registered Supplier**

ISO 9001, ISO 14001, TL 9000, and OHSAS 18001

FEATURES AND BENEFITS

**Flexible Design & Use**

- Very flexible
- Flexible ribbons for easy mass fusion splicing and routing
- Compact design for optimal microduct installation
- Streamlined central core design
- Totally dry
- Standard 250um fibers
- No bonding or grounding required

**Round Cable (RRD)** blown applications only

**Flat Drop Cable (RFD)** flat drop applications

**Reliable Lifetime Performance**

- Proven water-blocking with water swell thread
- Guaranteed standards-based performance
12 or 24f FlexDrop Cable
FlexRibbon in a Central Core Design

ROUND DESIGN (Blown Applications) – Nominal Design Parameters

<table>
<thead>
<tr>
<th>Fiber Count Range</th>
<th>Rec. Fiber Count</th>
<th>Recommended Prysmian Part Number</th>
<th>Diameter</th>
<th>Cable Weight</th>
<th>Bend Radius Installation</th>
<th>Bend Radius Long Term</th>
<th>Maximum Installation Load</th>
<th>Maximum Operation Load</th>
<th>Maximum Reel Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>12 or 24</td>
<td>12</td>
<td>RRD1JKT-12-B1-012-E1</td>
<td>0.12</td>
<td>3.0</td>
<td>5.3</td>
<td>8</td>
<td>3.0</td>
<td>25</td>
<td>111</td>
</tr>
<tr>
<td></td>
<td>24</td>
<td>RRD1JKT-12-B1-024-E1</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>8</td>
<td>36</td>
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<td></td>
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<td></td>
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<td></td>
<td></td>
<td></td>
<td>32,800</td>
<td>10,000</td>
</tr>
</tbody>
</table>

FLAT DESIGN (Flat Drop Applications) – Nominal Design Parameters

<table>
<thead>
<tr>
<th>Fiber Count Range</th>
<th>Rec. Fiber Count</th>
<th>Recommended Prysmian Part Number</th>
<th>Diameter</th>
<th>Cable Weight</th>
<th>Bend Radius Installation</th>
<th>Bend Radius Long Term</th>
<th>Maximum Installation Load</th>
<th>Maximum Operation Load</th>
<th>Maximum Reel Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>12 or 24</td>
<td>12</td>
<td>RFD1JKT-12-B1-012-E1</td>
<td>0.12</td>
<td>3.0</td>
<td>1.7</td>
<td>8</td>
<td>3.0</td>
<td>25</td>
<td>111</td>
</tr>
<tr>
<td></td>
<td>24</td>
<td>RFD1JKT-12-B1-024-E1</td>
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<td></td>
<td></td>
<td>8</td>
<td>36</td>
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<td></td>
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<td>32,800</td>
<td>10,000</td>
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</table>

MAXIMUM SPAN DISTANCE

<table>
<thead>
<tr>
<th>Temperature Range</th>
<th>Shipping and Storage:</th>
<th>Installation:</th>
<th>Operation:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>-40° F to +158° F</td>
<td>-22° F to +140° F</td>
<td>-22° F to +158° F</td>
</tr>
<tr>
<td></td>
<td>(-40° C to +70° C)</td>
<td>(-30° C to +60° C)</td>
<td>(-30° C to +70° C)</td>
</tr>
</tbody>
</table>

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.

1 LENGTH MARKINGS
F = Feet or M = Meters

2 PRODUCT FAMILY
RRD = Round FlexDrop FlexRibbon in Central Tube (Blown Applications)
RFD = Flat FlexDrop FlexRibbon (Flat Drop Applications)

3 CONSTRUCTION
1JKT = Single Jacket

4 FIBER GROUPING
12 = 12f per ribbon

PART NUMBER CONSTRUCTION

FIBER INFORMATION

5 FIBER TYPE
SINGLE-MODE

6 FIBER COUNT
12 or 24 fibers

7 FIBER GRADE
SINGLE-MODE
<table>
<thead>
<tr>
<th>Attenuation (dB/km)</th>
<th>Wavelength (nm)</th>
<th>Fiber Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.40/0.40/0.30</td>
<td>1310/1583/1550</td>
<td>E1</td>
</tr>
</tbody>
</table>