RealFlex® Fiber Optic Drop Cable, 4 Fiber, Hardened SC/APC to SC/APC with 10 ft Breakout at hardened SC/APC side, 1000 ft

- Hardened connectors are factory-terminated and environmentally sealed for use in optical drop cable deployments
- Hardened drop cables incorporate hardened connector technology that is designed to withstand the rugged outside plant environment
- Hardened drop cables simplify installation and maintenance by reducing splicing requirements in the distribution portion of the network

### Product Classification

**Product Series**
FHBD

**Product Type**
Fiber drop cable assembly

**Regional Availability**

Asia | Australia/New Zealand | EMEA | Latin America | North America

### Construction Materials

**Jacket Material**
Dielectric - Flat

**Jacket UV Resistance**
UV stabilized

**Fiber Type**
G.652.D

**Total Fibers, quantity**
4

**Jacket Color**
Black

**Fiber Mode**
Singlemode

### Dimensions

**Breakout Length, connector A**
3048.00 mm | 120.00 in

**Breakout Length, connector B**
2438.40 mm | 96.00 in

**Cable Weight**
38.7 kg/km

**Cord Length**
304.80 m | 1000.00 ft

**Height Over Jacket**
5.00 mm | 0.20 in

**Width Over Jacket**
8.00 mm | 0.31 in

### Environmental Specifications

**Environmental Space**
Outdoor

**Operating Temperature**
-40 °C to +70 °C (-40 °F to +158 °F)

**Qualification Standards**
NEMA type 6, 10 ft waterhead | Telcordia GR-20 | Telcordia GR-3120 | Telcordia GR-326

**Storage Temperature**
-40 °C to +70 °C (-40 °F to +158 °F)

### General Specifications

**Interface, connector A**
Hardened full-size SC/APC
<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Interface, connector B</td>
<td>SC/APC</td>
</tr>
<tr>
<td>Color, boot A</td>
<td>Black</td>
</tr>
<tr>
<td>Color, boot B</td>
<td>Black</td>
</tr>
<tr>
<td>Color, connector A</td>
<td>Green</td>
</tr>
<tr>
<td>Color, connector B</td>
<td>Green</td>
</tr>
<tr>
<td>Connector A, quantity</td>
<td>4</td>
</tr>
<tr>
<td>Connector B, quantity</td>
<td>4</td>
</tr>
<tr>
<td>Package Quantity</td>
<td>1</td>
</tr>
<tr>
<td>Transmission Standards</td>
<td>IEC 61753-1</td>
</tr>
</tbody>
</table>

**Mechanical Specifications**

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum Bend Radius, loaded</td>
<td>150.00 mm</td>
</tr>
<tr>
<td>Minimum Bend Radius, unloaded</td>
<td>100.00 mm</td>
</tr>
<tr>
<td>Tensile Load, long term, maximum</td>
<td>450.00 N</td>
</tr>
<tr>
<td>Tensile Load, short term, maximum</td>
<td>1300.00 N</td>
</tr>
</tbody>
</table>

**Optical Performance**

<table>
<thead>
<tr>
<th>Feature</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Insertion Loss, maximum, connector A</td>
<td>0.40 dB</td>
</tr>
<tr>
<td>Insertion Loss, maximum, connector B</td>
<td>0.40 dB</td>
</tr>
<tr>
<td>Return Loss, minimum, connector A</td>
<td>60.00 dB</td>
</tr>
<tr>
<td>Return Loss, minimum, connector B</td>
<td>60.00 dB</td>
</tr>
</tbody>
</table>
Outline Drawing

Regulatory Compliance/Certifications

Agency
RoHS 2011/65/EU

Classification
Compliant