RealFlex® 5 Fiber Optic Drop Cable, hardened full-size to stub, 5 mm cable, 200 m

- 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

Brand: RealFlex®
Product Series: FHD
Product Type: Fiber drop cable assembly
Regional Availability: EMEA

Construction Materials

Jacket UV Resistance: UV stabilized
Fiber Type: G.657.A2
Total Fibers, quantity: 1
Fiber Mode: Singlemode
Jacket Color: Black

Dimensions

Cable Weight: 30.0 kg/km
Cord Length: 200.00 m | 656.17 ft
Diameter Over Jacket: 5.00 mm | 0.20 in

Environmental Specifications

Environmental Space: Low Smoke Zero Halogen (LSZH)
Operating Temperature: -25 °C to +70 °C (-13 °F to +158 °F)
Qualification Standards: IEC 60793 | IEC 60794 | NEMA type 6, 10 ft waterhead | Telcordia GR-3120
Storage Temperature: -40 °C to +70 °C (-40 °F to +158 °F)

General Specifications

Interface, connector A: Hardened full-size SC/APC
Color, boot A: Black
Connector A, quantity: 1
Package Quantity: 1
Transmission Standards
IEC 61753-1  |  IEC 61754-4  |  IEC 61755

Color, connector A
Black

Mechanical Specifications

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cable Crush Resistance, maximum</td>
<td>10.00 N/mm</td>
</tr>
<tr>
<td>Minimum Bend Radius, loaded</td>
<td>75.00 mm</td>
</tr>
<tr>
<td>Minimum Bend Radius, unloaded</td>
<td>25.00 mm</td>
</tr>
<tr>
<td>Tensile Load, long term, maximum</td>
<td>200.00 N</td>
</tr>
<tr>
<td>Tensile Load, short term, maximum</td>
<td>1200.00 N</td>
</tr>
</tbody>
</table>

Optical Performance

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

Outline Drawing
Regulatory Compliance/Certifications

**Agency**
RoHS 2011/65/EU

**Classification**
Compliant