RealFlex® Fiber Optic Drop Cable, 4 Fiber, Hardened SC/APC to SC/APC with 4 ft Breakout at hardened SC/APC side, 200 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

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

Portfolio
CommScope®

Product Type
Fiber drop cable assembly

Product Series
FHBD

General Specifications

Color, boot A
Black

Color, boot B
Black

Color, connector A
Green

Color, connector B
Green

Connector A, quantity
4

Connector B, quantity
4

Interface, Connector A
Hardened full-size SC/APC

Interface Feature, connector A
Male

Interface, Connector B
SC/APC

Jacket Color
Black

Total Fibers, quantity
4

Transmission Standards
IEC 61753-1 | IEC 61754-4 | IEC 61755

Dimensions

Height Over Jacket
5 mm | 0.197 in

Width Over Jacket
8 mm | 0.315 in

Breakout Length, connector A
48 in | 1,219.2 mm
Breakout Length, connector B | 96 in | 2,438.4 mm
Cord Length | 60.96 m | 200 ft

Outline Drawing

Ordering Tree

Representative Image
Material Specifications

Jacket Material

Mechanical Specifications

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum Bend Radius, loaded</td>
<td>150 mm</td>
</tr>
<tr>
<td>Minimum Bend Radius, unloaded</td>
<td>100 mm</td>
</tr>
<tr>
<td>Tensile Load, long term, maximum</td>
<td>450 N</td>
</tr>
<tr>
<td>Tensile Load, short term, maximum</td>
<td>1300 N</td>
</tr>
</tbody>
</table>

Optical Specifications

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fiber Mode</td>
<td>Singlemode</td>
</tr>
<tr>
<td>Fiber Type</td>
<td>G.652.D</td>
</tr>
<tr>
<td>Insertion Loss, maximum, connector A</td>
<td>0.4 dB</td>
</tr>
<tr>
<td>Insertion Loss, maximum, connector B</td>
<td>0.4 dB</td>
</tr>
<tr>
<td>Return Loss, minimum, connector A</td>
<td>65 dB</td>
</tr>
<tr>
<td>Return Loss, minimum, connector B</td>
<td>65 dB</td>
</tr>
</tbody>
</table>

Environmental Specifications

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operating Temperature</td>
<td>-40 °C to +70 °C</td>
</tr>
<tr>
<td>Storage Temperature</td>
<td>-40 °C to +70 °C</td>
</tr>
</tbody>
</table>
Environmental Space: Outdoor

Jacket UV Resistance: UV stabilized

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

Packaging and Weights:
- Cable weight: 38.7 kg/km | 26.005 lb/kft
- Packaging quantity: 1

Regulatory Compliance/Certifications:

<table>
<thead>
<tr>
<th>Agency</th>
<th>Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHINA-ROHS</td>
<td>Below maximum concentration value</td>
</tr>
<tr>
<td>REACH-SVHC</td>
<td>Compliant as per SVHC revision on <a href="http://www.commscope.com/ProductCompliance">www.commscope.com/ProductCompliance</a></td>
</tr>
<tr>
<td>ROHS</td>
<td>Compliant</td>
</tr>
</tbody>
</table>