RealFlex® Fiber Optic Drop Cable, 4 Fiber, Hardened SC/APC to SC/APC with 4 ft Breakout at hardened SC/APC side, 150 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**  
  1219.20 mm | 48.00 in
- **Breakout Length, connector B**  
  2438.40 mm | 96.00 in
- **Cable Weight**  
  38.7 kg/km
- **Cord Length**  
  45.72 m | 150.00 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

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<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
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<td>Interface, connector B</td>
<td>SC/APC</td>
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<td>Color, boot A</td>
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<td>Color, boot B</td>
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<td>Connector B, quantity</td>
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<td>Transmission Standards</td>
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**Mechanical Specifications**

- **Minimum Bend Radius, loaded**: 150.00 mm
- **Minimum Bend Radius, unloaded**: 100.00 mm
- **Tensile Load, long term, maximum**: 450.00 N
- **Tensile Load, short term, maximum**: 1300.00 N

**Optical Performance**

- **Insertion Loss, maximum, connector A**: 0.40 dB
- **Insertion Loss, maximum, connector B**: 0.40 dB
- **Return Loss, minimum, connector A**: 60.00 dB
- **Return Loss, minimum, connector B**: 60.00 dB
Outline Drawing

Regulatory Compliance/Certifications

Agency
RoHS 2011/65/EU

Classification
Compliant