



RealFlex® Fiber Optic Drop Cable, 4 Fiber, Hardened SC/APC to SC/APC with 10 ft Breakout at hardened SC/APC side, 50 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 | 3.05 m 10.00 ft |
| Breakout Length, connector B | 2.44 m 8.00 ft |
| Cable Weight | 38.7 kg/km |
| Cord Length | 15.24 m 50.00 ft |
| Height Over Jacket | 5 mm 0 in |
| Width Over Jacket | 8 mm 0 in |

Environmental Specifications

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

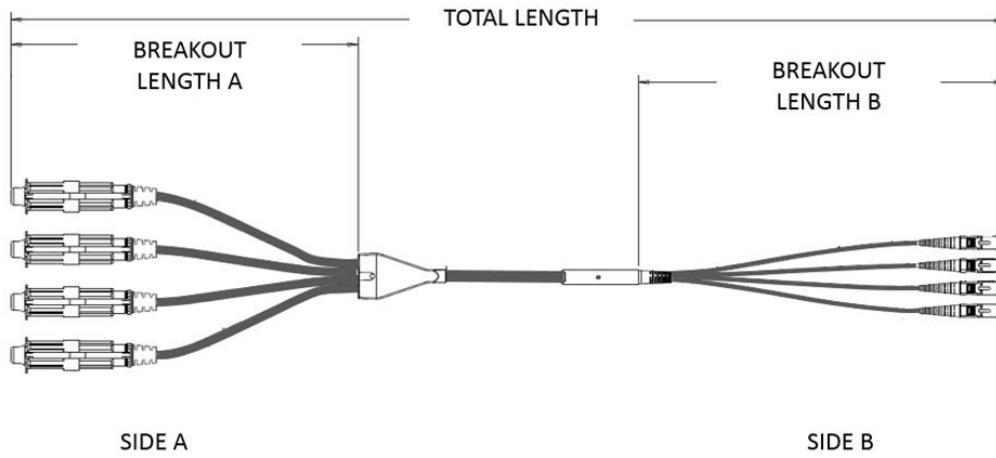
Mechanical Specifications

| | |
|--|--------|
| Minimum Bend Radius, loaded | 150 mm |
| Minimum Bend Radius, unloaded | 100 mm |
| Tensile Load, long term, maximum | 450 N |
| Tensile Load, short term, maximum | 1300 N |

Optical Performance

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|---|----------|
| 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

