RealFlex® Fiber Optic Drop Cable, 4 Fiber, Hardened SC/APC to SC/APC with 4 ft Breakout at hardened SC/APC side, 800 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: 243.84 m | 800.00 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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### 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**: 150.00 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