RealFlex® Fiber Optic Drop Cable, 4 Fiber, Hardened SC/APC to SC/APC with 4 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

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
1,219.2 mm | 48 in
Breakout Length, connector B: 2,438.4 mm | 96 in
Cord Length: 15.24 m | 50 ft

Outline Drawing

Ordering Tree

** Connector 1
- H: Hardened Full Size
- J: SC/APC

** Connector A Breakout Length
- 34: 4 Feet
- 36: 8 Feet

** Connector B Breakout Length
- 38: 8 Feet
- 39: STUB

** Fiber Count
- A: 4 Fibers

** Cable Type
- A: Flat Dielectric
- B: Flat Toneable

** Cable Length**
- 0050: 50 Feet
- 0100: 100 Feet
- 0150: 150 Feet
- 0200: 200 Feet
- 0250: 250 Feet
- 0300: 300 Feet
- 0400: 400 Feet
- 0500: 500 Feet
- 0600: 600 Feet
- 0800: 800 Feet
- 1000: 1000 Feet

* 8 ft. Breakout for SC/APC ONLY
** Cable length shown are standard lengths offered.
Material Specifications

Jacket Material

Dielectric - Flat

Mechanical Specifications

Minimum Bend Radius, loaded: 150 mm | 5.906 in
Minimum Bend Radius, unloaded: 100 mm | 3.937 in
Tensile Load, long term, maximum: 450 N | 101.164 lbf
Tensile Load, short term, maximum: 1300 N | 292.252 lbf

Optical Specifications

Fiber Mode: Singlemode
Fiber Type: G.652.D
Insertion Loss, maximum, connector A: 0.45 dB
Insertion Loss, maximum, connector B: 0.45 dB
Return Loss, minimum, connector A: 65 dB
Return Loss, minimum, connector B: 65 dB

Environmental Specifications

Operating Temperature: -40 °C to +70 °C (-40 °F to +158 °F)
Storage Temperature: -40 °C to +70 °C (-40 °F to +158 °F)
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
Agency | Classification
---|---
CHINA-ROHS | Below maximum concentration value
REACH-SVHC | Compliant as per SVHC revision on www.commscope.com/ProductCompliance
ROHS | Compliant