RealFlex® Fiber Optic Drop Cable, 4 Fiber, Hardened SC/APC to SC/APC with 10 ft Breakout at hardened SC/APC side, 100 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
- 3048 mm | 120 in
Breakout Length, connector B  
2,438.4 mm  |  96 in

Cord Length  
30.48 m  |  100 ft

Outline Drawing

Ordering Tree

Representative Image
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
0.4 dB
Insertion Loss, maximum, connector B
0.4 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: CHINA-ROHS  
  Classification: Below maximum concentration value
- Agency: REACH-SVHC  
  Classification: Compliant as per SVHC revision on www.commscope.com/ProductCompliance
- Agency: ROHS  
  Classification: Compliant