

FHD-HN1R-0050F



Fiber Optic Drop Cable, hardened full-size to SC/UPC, 3mm Test Cord , 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 | Australia/New Zealand EMEA Latin America North America |
| Portfolio | CommScope® |
| Product Type | Test patch cord, single fiber |
| Product Series | FHD |

General Specifications

| | |
|---------------------------------------|---------------------------------------|
| Connector A, quantity | 1 |
| Color, boot A | Black |
| Color, connector A | Black |
| Connector B, quantity | 1 |
| Color, boot B | Green |
| Color, connector B | Green |
| Interface, Connector A | Hardened full-size SC/APC |
| Interface Feature, connector A | Male |
| Interface, Connector B | SC/UPC |
| Jacket Color | Black |
| Pulling Grips, quantity | 1 |
| Total Fibers, quantity | 1 |
| Transmission Standards | IEC 61753-1 IEC 61754-4 IEC 61755 |

Dimensions

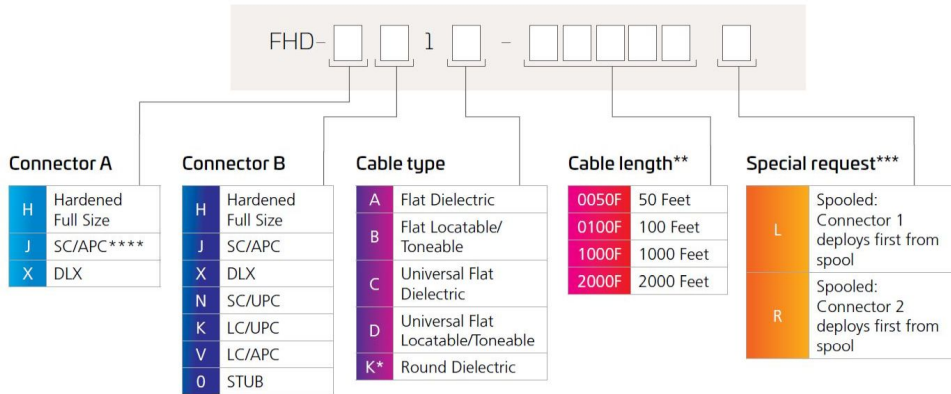
| | |
|---------------------------|-------------------|
| Height Over Jacket | 4.4 mm 0.173 in |
| Width Over Jacket | 7.4 mm 0.291 in |

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Cord Length

15.24 m | 50 ft

Ordering Tree



* Cable Type K not available with LC & SC Options
 ** Cable Length shown as an example, additional cable lengths available upon request up to 2,000 ft. (600 m).
 *** Special Request Feature not available with cable types K.
 Drops are automatically coiled 0 to 1,000 ft. unless "L" or "R" is specified for this range of length.
 Drops are automatically spooled at 1,001 ft. with Connector B deploying first from spool. Add "L" to lengths over 1,001 ft. if Connector A needs to deploy first.
 **** Includes pulling sock - 25 lbs. of pulling force

Material Specifications

Jacket Material Dielectric - Universal Flat

Mechanical Specifications

Minimum Bend Radius, loaded 100 mm | 3.937 in
Minimum Bend Radius, unloaded 150 mm | 5.906 in
Tensile Load, long term, maximum 450 N | 101.164 lbf
Tensile Load, short term, maximum 1300 N | 292.252 lbf
Cable Crush Resistance, maximum 44 N/mm | 251.246 lb/in

Optical Specifications

Fiber Mode Singlemode
Fiber Type G.657.A2, TeraSPEED®
Insertion Loss, maximum, connector A 0.4 dB
Insertion Loss, maximum, connector B 0.35 dB
Return Loss, minimum, connector A 65 dB
Return Loss, minimum, connector B 65 dB

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Environmental Specifications

| | |
|--------------------------------|--|
| Operating Temperature | -40 °C to +75 °C (-40 °F to +167 °F) |
| Storage Temperature | -40 °C to +75 °C (-40 °F to +167 °F) |
| Environmental Space | Outdoor, buried |
| Qualification Standards | NEMA type 6, 10 ft waterhead Telcordia GR-20 Telcordia GR-3120 |

Packaging and Weights

| | |
|---------------------------|--------------------------|
| Cable weight | 30 kg/km 20.159 lb/kft |
| Packaging quantity | 1 |

Regulatory Compliance/Certifications

| Agency | Classification |
|---------------|--|
| CHINA-ROHS | Above maximum concentration value |
| REACH-SVHC | Compliant as per SVHC revision on www.commscope.com/ProductCompliance |
| ROHS | Compliant/Exempted |
| UK-ROHS | Compliant/Exempted |

