# FHD-HJ1R-0020F



Fiber Optic Drop Cable, hardened full-size to SC/APC, 3mm Test Cord , 20  $\,$  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

Color, boot ABlackColor, connector ABlackConnector B, quantity1

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/APC

 Jacket Color
 Black

 Pulling Grips, quantity
 1

**Transmission Standards** | IEC 61753-1 | IEC 61754-4 | IEC 61755

**Dimensions** 

Total Fibers, quantity

Height Over Jacket4.4 mm | 0.173 inWidth Over Jacket7.4 mm | 0.291 in

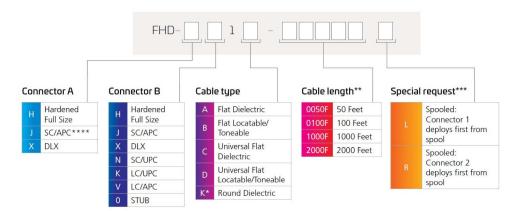
**COMMSCOPE®** 

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#### **Cord Length**

6.09 m | 19.98 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.

### 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 1300 N | 292.252 lbf Tensile Load, short term, maximum

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  $-40 \,^{\circ}\text{C}$  to  $+75 \,^{\circ}\text{C}$  (-40  $^{\circ}\text{F}$  to  $+167 \,^{\circ}\text{F}$ )

Storage Temperature  $-40 \,^{\circ}\text{C}$  to  $+75 \,^{\circ}\text{C}$  (-40  $^{\circ}\text{F}$  to  $+167 \,^{\circ}\text{F}$ )

**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

ROHS Compliant/Exempted

UK-ROHS Compliant

