

FHD-HN1R-0025F



Fiber Optic Drop Cable, hardened full-size to SC/UPC, 3mm Test Cord , 25 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	Fiber drop cable assembly
Product Series	FHD

General Specifications

Color, boot A	Black
Color, boot B	Green
Color, connector A	Black
Color, connector B	Green
Connector A, quantity	1
Connector B, quantity	1
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

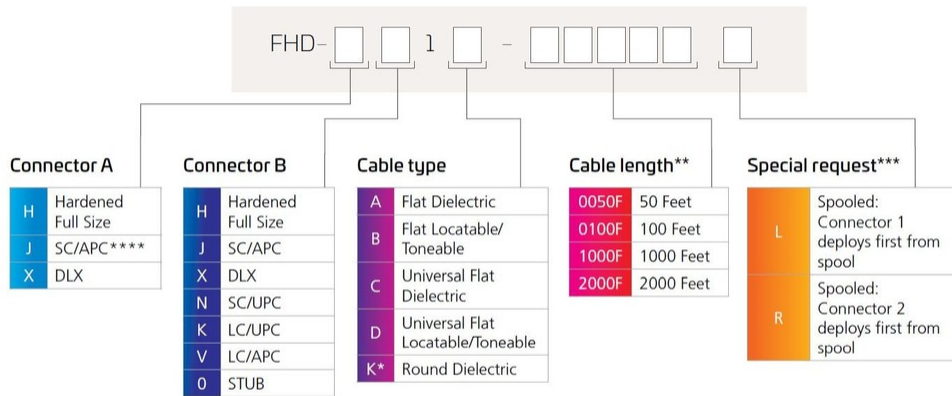
Height Over Jacket	4.4 mm 0.173 in
Width Over Jacket	7.4 mm 0.291 in

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Cord Length

7.62 m | 25 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
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	Below maximum concentration value
REACH-SVHC	Compliant as per SVHC revision on www.commscope.com/ProductCompliance
ROHS	Compliant

