

FHD-HH1K



Fiber Optic Drop Cable Assembly, hardened full-size to hardened full-size, 5 mm diameter

- 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 complies with the Build America, Buy America Act (BABAA) requirements of the Infrastructure Investment and Jobs Act of 2021 (Pub. L. 117- 58, §§ 70901-70953), or is the subject of a waiver approved by the Secretary of Commerce or designee. Compliance requirements and waiver applicability vary based on government funding program. Check the laws and regulations for your specific program.

Product Classification

Regional Availability	Australia/New Zealand Latin America North America
Product Type	Fiber drop cable assembly
Product Series	FHD
Government Requirements	Build America Buy America (BABA) compliant*
Ordering Note	Drops are automatically coiled 0 to 1,000 ft (306 m) Drops are automatically spooled at 1,001 ft (306 m) with connector B deploying first from spool

General Specifications

Cable Type	Dielectric - Round
Connector A, quantity	1
Color, boot A	Black
Color, connector A	Black
Connector B, quantity	1
Color, boot B	Black
Color, connector B	Black
Interface, Connector A	Hardened full-size SC/APC
Interface, Connector B	Hardened full-size SC/APC
Jacket Color	Black
Location of Manufacturing	Catawba, North Carolina
Total Fibers, quantity	1

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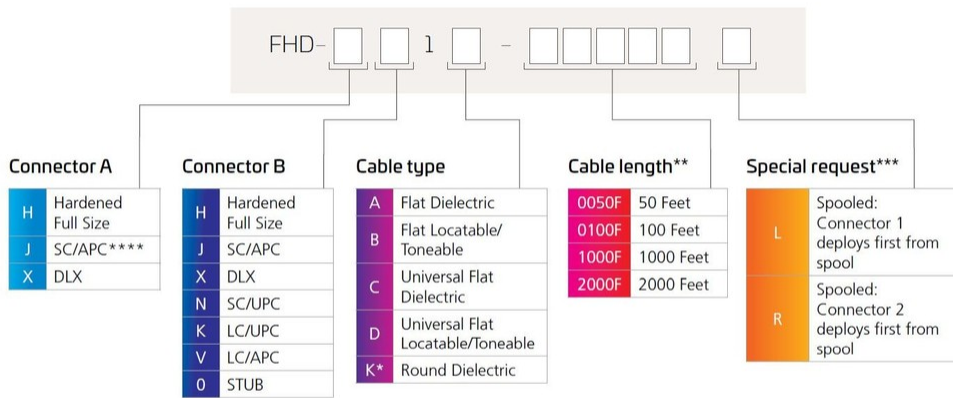
Transmission Standards

IEC 61753-1 | IEC 61754-4 | IEC 61755

Dimensions

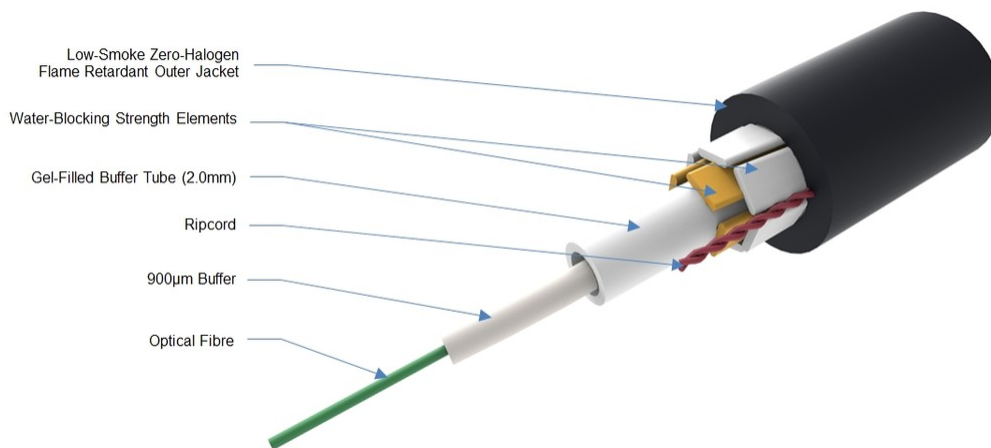
Cable Assembly Length Range (m)	1 – 900
Cable Assembly Length Range (ft)	50 – 2000
Cable Outer Diameter	5.0 mm (0.20 in)

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

Representative Image



Mechanical Specifications

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Minimum Bend Radius, loaded	75 mm 2.953 in
Minimum Bend Radius, unloaded	25 mm 0.984 in
Tensile Load, long term, maximum	300 N 67.443 lbf
Tensile Load, short term, maximum	1200 N 269.771 lbf
Cable Crush Resistance, maximum	10 N/mm 57.101 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	0.4 dB
Return Loss, minimum, connector A	65 dB
Return Loss, minimum, connector B	65 dB

Environmental Specifications

Operating Temperature	-25 °C to +70 °C (-13 °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	IEC 60793 IEC 60794 NEMA type 6, 10 ft waterhead

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

