

FHD-HH1B



Fiber Optic Drop Cable Assembly, hardened full-size to hardened full-size, locatable flat

- 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 Latin America North America
Product Type	Fiber drop cable assembly
Product Series	FHD
Ordering Note	Drops are automatically coiled 0 to 1,000 ft (305 m), unless spool option "L" or "R" is specified for this range of length Drops are automatically spooled at 1,001 ft (306 m) with connector B deploying first from spool

General Specifications

Cable Type	Locatable - Flat
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
Total Fibers, quantity	1
Transmission Standards	IEC 61753-1 IEC 61754-4 IEC 61755

Dimensions

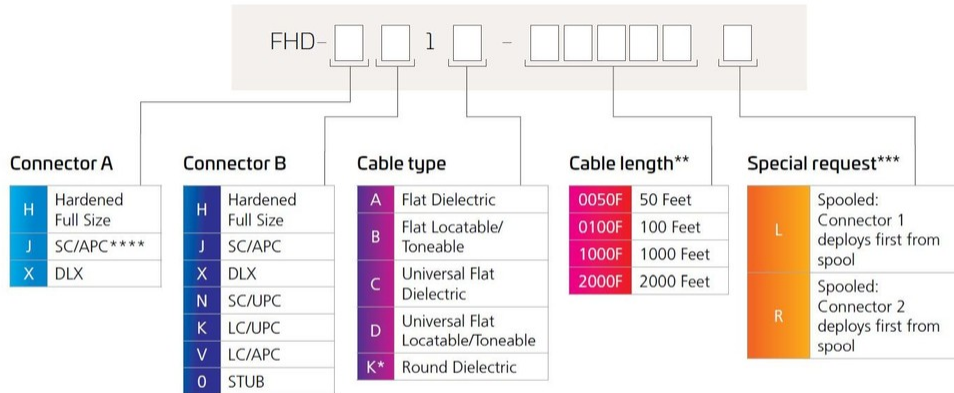
Cable Assembly Length Range (m)	1 – 750
Cable Assembly Length Range (ft)	50 – 2000

FHD-HH1B

Cable Outer Diameter

4.3 x 9.9 mm (0.17 x 0.39 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).

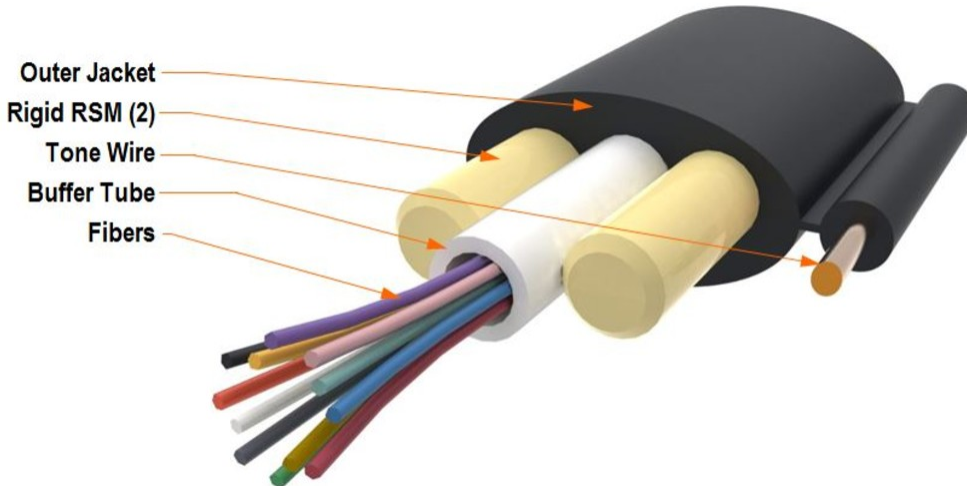
*** Special Request Feature not available with cable types K.

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

Minimum Bend Radius, loaded	86.36 mm 3.4 in
Minimum Bend Radius, unloaded	81.28 mm 3.2 in
Tensile Load, long term, maximum	400 N 89.924 lbf
Tensile Load, short term, maximum	1334 N 299.895 lbf

FHD-HH1B

Cable Crush Resistance, maximum 22 N/mm | 125.623 lb/in

Optical Specifications

Fiber Mode	Singlemode
Fiber Type	G.657.A1/A2
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

Installation temperature	-30 °C to +70 °C (-22 °F to +158 °F)
Operating Temperature	-40 °C to +70 °C (-40 °F to +158 °F)
Storage Temperature	-40 °C to +75 °C (-40 °F to +167 °F)
Environmental Space	Outdoor, buried
Jacket UV Resistance	UV stabilized
Qualification Standards	NEMA type 6, 10 ft waterhead Telcordia GR-20 Telcordia GR-3120

Packaging and Weights

Cable weight	45.98 kg/km 30.897 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

