



## Fiber Optic Drop Cable Assembly, SC/APC to SC/APC, 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 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

<b>Regional Availability</b>	Asia   Australia/New Zealand   EMEA   Europe   Latin America   North America
<b>Product Type</b>	Fiber drop cable assembly
<b>Product Series</b>	FHD
<b>Government Requirements</b>	Build America Buy America (BABA) compliant*
<b>Ordering Note</b>	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

<b>Cable Type</b>	Locatable - Flat
<b>Connector A, quantity</b>	1
<b>Color, boot A</b>	Green
<b>Color, connector A</b>	Green
<b>Connector B, quantity</b>	1
<b>Color, boot B</b>	Green
<b>Color, connector B</b>	Green
<b>Interface, Connector A</b>	SC/APC with pulling sock
<b>Interface, Connector B</b>	SC/APC
<b>Jacket Color</b>	Black
<b>Location of Manufacturing</b>	Catawba, North Carolina

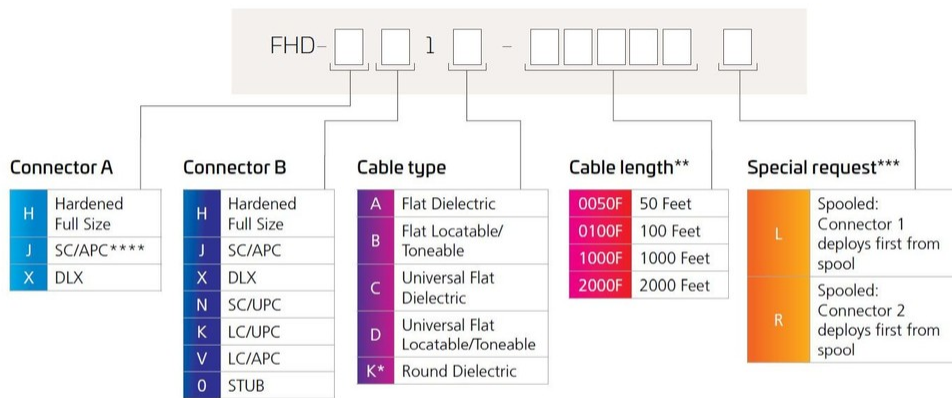
# FHD-JJ1B

<b>Total Fibers, quantity</b>	1
<b>Transmission Standards</b>	IEC 61753-1   IEC 61754-4   IEC 61755

## Dimensions

<b>Breakout Length, connector A</b>	457.2 mm   18 in
<b>Breakout Length, connector B</b>	457.2 mm   18 in
<b>Cable Assembly Length Range (m)</b>	1 – 750
<b>Cable Assembly Length Range (ft)</b>	50 – 2000
<b>Cable Outer Diameter</b>	4.3 x 9.0 mm (0.17 x 0.35 in)

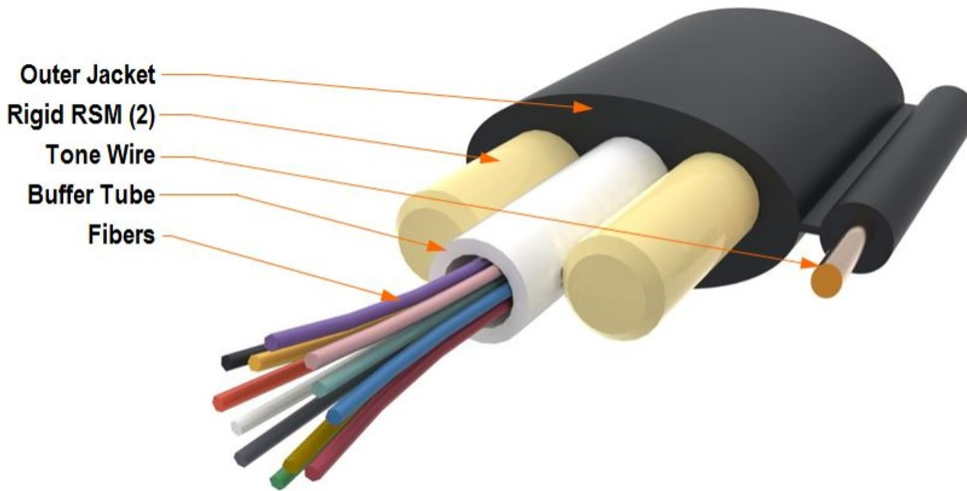
## Ordering Tree



\* 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

# FHD-JJ1B



## Mechanical Specifications

<b>Minimum Bend Radius, loaded</b>	86.3 mm   3.398 in
<b>Minimum Bend Radius, unloaded</b>	81.2 mm   3.197 in
<b>Tensile Load, long term, maximum</b>	400 N   89.924 lbf
<b>Tensile Load, short term, maximum</b>	1334 N   299.895 lbf
<b>Cable Crush Resistance, maximum</b>	22 N/mm   125.623 lb/in

## Optical Specifications

<b>Fiber Mode</b>	Singlemode
<b>Fiber Type</b>	G.657.A1/A2
<b>Insertion Loss, maximum, connector A</b>	0.4 dB
<b>Insertion Loss, maximum, connector B</b>	0.4 dB
<b>Return Loss, minimum, connector A</b>	65 dB
<b>Return Loss, minimum, connector B</b>	65 dB

## Environmental Specifications

<b>Installation temperature</b>	-30 °C to +70 °C (-22 °F to +158 °F)
<b>Operating Temperature</b>	-40 °C to +70 °C (-40 °F to +158 °F)
<b>Storage Temperature</b>	-40 °C to +75 °C (-40 °F to +167 °F)
<b>Environmental Space</b>	Outdoor, buried
<b>Jacket UV Resistance</b>	UV stabilized

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## Qualification Standards

NEMA type 6, 10 ft waterhead | Telcordia GR-20 | Telcordia GR-3120

## Packaging and Weights

### Cable weight

45 kg/km | 30.239 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](http://www.commscope.com/ProductCompliance)

ROHS

Compliant/Exempted

UK-ROHS

Compliant/Exempted

