

# FHD-JN1A



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

<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>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>	Dielectric - 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>	Blue
<b>Color, connector B</b>	Blue
<b>Interface, Connector A</b>	SC/APC with pulling sock
<b>Interface, Connector B</b>	SC/UPC
<b>Jacket Color</b>	Black
<b>Total Fibers, quantity</b>	1
<b>Transmission Standards</b>	IEC 61753-1   IEC 61754-4   IEC 61755

## Dimensions

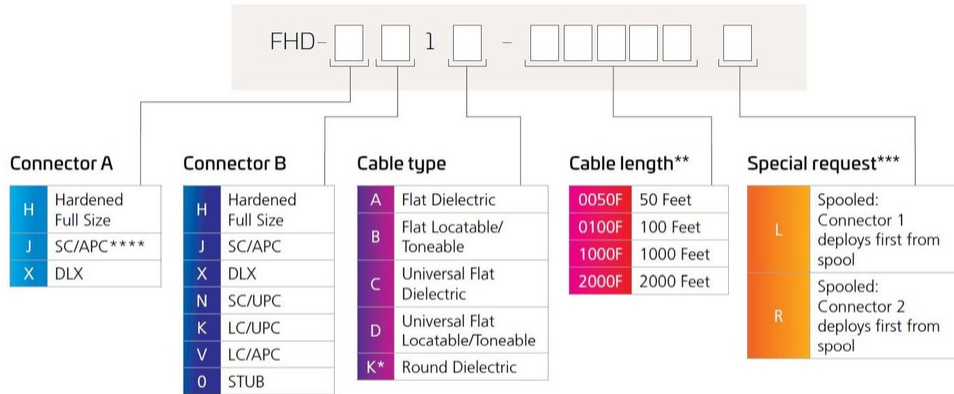
<b>Cable Assembly Length Range (m)</b>	1 – 900
<b>Cable Assembly Length Range (ft)</b>	50 – 2000

# FHD-JN1A

**Cable Outer Diameter**

4.3 x 8.0 mm (0.17 x 0.31 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).

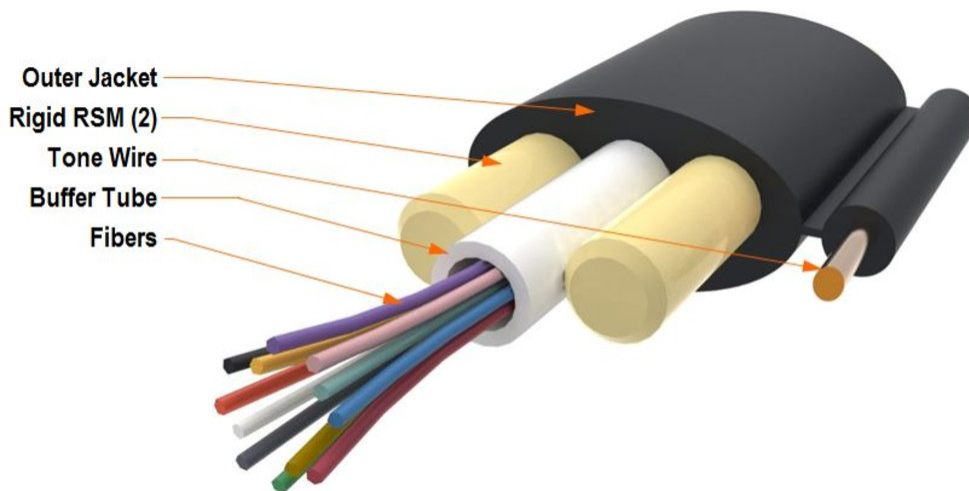
\*\*\* Special Request Feature not available with cable types K.

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 mm | 3.386 in

**Minimum Bend Radius, unloaded** 81 mm | 3.189 in

**Tensile Load, long term, maximum** 400 N | 89.924 lbf

**Tensile Load, short term, maximum** 1334 N | 299.895 lbf

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**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** 55 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

**Jacket UV Resistance** UV stabilized

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

## Packaging and Weights

**Cable weight** 36 kg/km | 24.191 lb/kft

**Packaging quantity** 1

## Regulatory Compliance/Certifications

Agency	Classification
CHINA-ROHS	Above maximum concentration value
REACH-SVHC	Compliant as per SVHC revision on <a href="https://www.commscope.com/ProductCompliance">www.commscope.com/ProductCompliance</a>
ROHS	Compliant/Exempted
UK-ROHS	Compliant/Exempted

