

# FHD-XN1R-0010F



Fiber Optic Drop Cable, Hardened mini-size DLX to SC/UPC, 3mm Test Cord, 10 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

<b>Regional Availability</b>	Australia/New Zealand   EMEA   Latin America   North America
<b>Portfolio</b>	CommScope®
<b>Product Type</b>	Fiber drop cable assembly
<b>Product Series</b>	FHD

## General Specifications

<b>Color, boot A</b>	Black
<b>Color, boot B</b>	Green
<b>Color, connector A</b>	Black
<b>Color, connector B</b>	Green
<b>Connector A, quantity</b>	1
<b>Connector B, quantity</b>	1
<b>Interface, Connector A</b>	Hardened mini-size DLX
<b>Interface Feature, connector A</b>	Male
<b>Interface, Connector B</b>	SC/UPC
<b>Jacket Color</b>	Black
<b>Pulling Grips, quantity</b>	1
<b>Total Fibers, quantity</b>	1
<b>Transmission Standards</b>	IEC 61753-1   IEC 61754-4   IEC 61755

## Dimensions

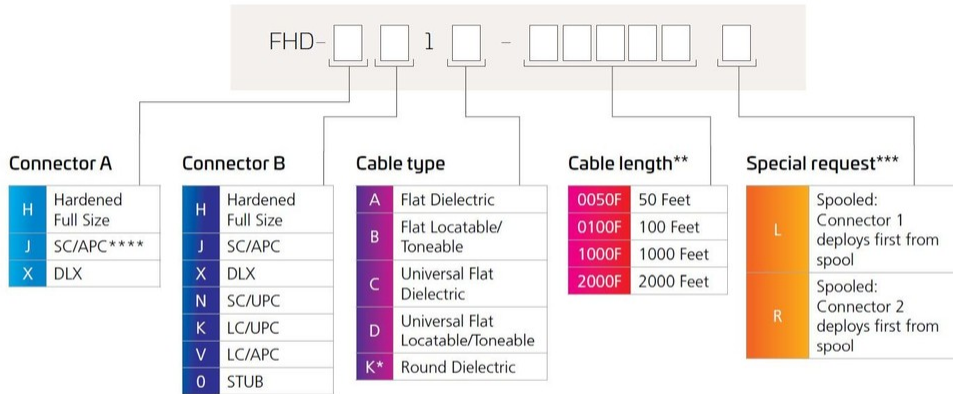
<b>Height Over Jacket</b>	4.4 mm   0.173 in
<b>Width Over Jacket</b>	7.4 mm   0.291 in

# FHD-XN1R-0010F

**Cord Length**

3.048 m | 10 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

# FHD-XN1R-0010F

---

## Environmental Specifications

<b>Operating Temperature</b>	-40 °C to +75 °C (-40 °F to +167 °F)
<b>Storage Temperature</b>	-40 °C to +75 °C (-40 °F to +167 °F)
<b>Environmental Space</b>	Outdoor, buried
<b>Qualification Standards</b>	NEMA type 6, 10 ft waterhead   Telcordia GR-20   Telcordia GR-3120

## Packaging and Weights

<b>Cable weight</b>	30 kg/km   20.159 lb/kft
<b>Packaging quantity</b>	1

## Regulatory Compliance/Certifications

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

