

# FHD-H01V



## Fiber Optic Drop Cable Assembly, hardened full-size to stub, Easy Access Cable

- 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*

## General Specifications

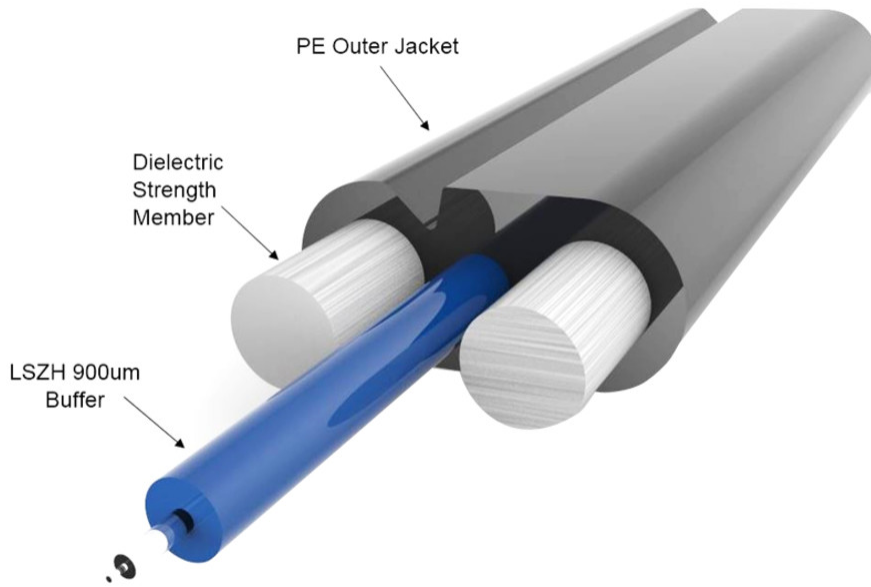
<b>Cable Type</b>	Dielectric - Flat
<b>Connector A, quantity</b>	1
<b>Color, boot A</b>	Black
<b>Color, connector A</b>	Black
<b>Interface, Connector A</b>	Hardened full-size SC/APC
<b>Interface Feature, connector A</b>	Male
<b>Interface, Connector B</b>	Unterminated
<b>Jacket Color</b>	Black
<b>Location of Manufacturing</b>	Catawba, North Carolina
<b>Total Fibers, quantity</b>	1

## Dimensions

<b>Cable Outer Diameter</b>	6.0 mm (0.23 in)
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## Representative Image



## Mechanical Specifications

<b>Minimum Bend Radius, loaded</b>	60 mm   2.362 in
<b>Minimum Bend Radius, unloaded</b>	60 mm   2.362 in
<b>Tensile Load, long term, maximum</b>	400 N   89.924 lbf
<b>Tensile Load, short term, maximum</b>	1350 N   303.492 lbf
<b>Cable Crush Resistance, maximum</b>	10 N/mm   57.101 lb/in

## Optical Specifications

<b>Fiber Mode</b>	Singlemode
<b>Fiber Type</b>	G.657.A2/B2
<b>Insertion Loss, maximum, connector A</b>	0.4 dB
<b>Insertion Loss, typical</b>	0.16 dB
<b>Return Loss, minimum, connector A</b>	65 dB

## Environmental Specifications

<b>Installation temperature</b>	-30 °C to +60 °C (-22 °F to +140 °F)
<b>Operating Temperature</b>	-40 °C to +70 °C (-40 °F to +158 °F)
<b>Storage Temperature</b>	-40 °C to +70 °C (-40 °F to +158 °F)

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<b>Environmental Space</b>	Outdoor
<b>Jacket UV Resistance</b>	UV stabilized
<b>Qualification Standards</b>	Per GR-3120   Telcordia GR-20

## 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	Above 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/Exempted
UK-ROHS	Compliant/Exempted

