

FHD-H01C



Fiber Optic Drop Cable Assembly, hardened full-size to stub, universal flat dielectric

- 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.

Alternative products available:

HCA-H01C

Fiber Optic Drop Cable Assembly, PRODIGY™ Connector Core to Stub, USD Dielectric Cable

Product Classification

Regional Availability

Asia | Australia/New Zealand | EMEA | Europe | Latin America | North America

Product Type

Fiber drop cable assembly

Product Series

FHD

Government Requirements

Build America Buy America (BABA) compliant*

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

Dielectric - Universal Flat

Connector A, quantity

1

Color, boot A

Black

Color, connector A

Black

Interface, Connector A

Hardened full-size SC/APC

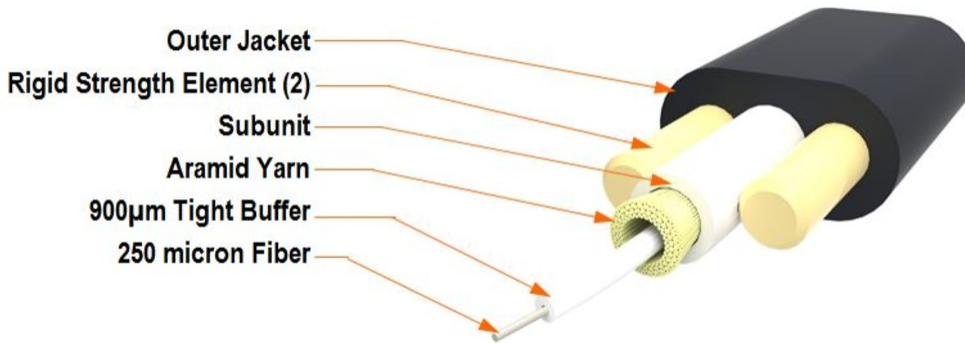
Interface Feature, connector A

Male

Interface, Connector B

Unterminated

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Mechanical Specifications

Minimum Bend Radius, loaded	92 mm 3.622 in
Minimum Bend Radius, unloaded	64 mm 2.52 in
Tensile Load, long term, maximum	400 N 89.924 lbf
Tensile Load, short term, maximum	1334 N 299.895 lbf
Cable Crush Resistance, maximum	44 N/mm 251.246 lb/in

Optical Specifications

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

Environmental Specifications

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
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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

