

FHD-H01D-0300F



RealFlex® Fiber Optic Drop Cable, hardened full-size to stub, universal flat locatable/tonable, 300 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

Regional Availability	Australia/New Zealand Latin America North America
Portfolio	CommScope®
Product Type	Fiber drop cable assembly
Product Brand	RealFlex®
Product Series	FHD

General Specifications

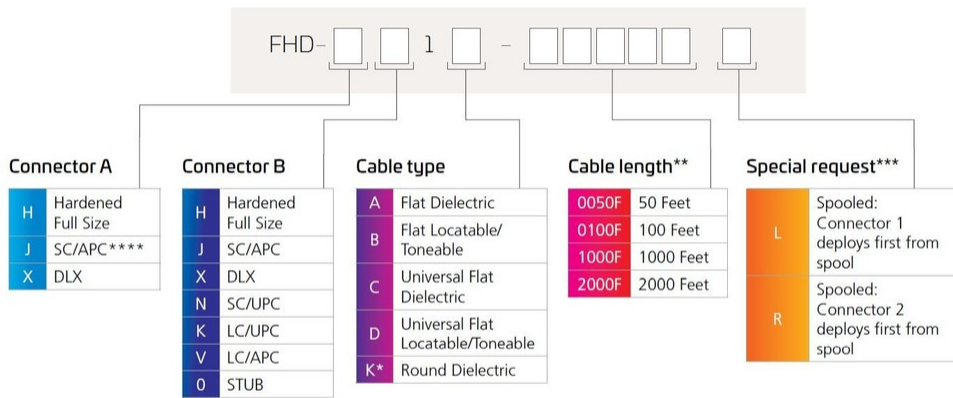
Cable Type	Locatable - Universal Flat
Color, boot A	Black
Color, connector A	Black
Connector A, quantity	1
Interface, Connector A	Hardened full-size SC/APC
Interface Feature, connector A	Male
Interface, Connector B	Unterminated
Jacket Color	Black
Total Fibers, quantity	1
Transmission Standards	IEC 61753-1 IEC 61754-4 IEC 61755

Dimensions

Cable Assembly Length	91.44 m 300 ft
Cable Outer Diameter	4.6 x 7.4 mm (0.18 x 0.29 in)

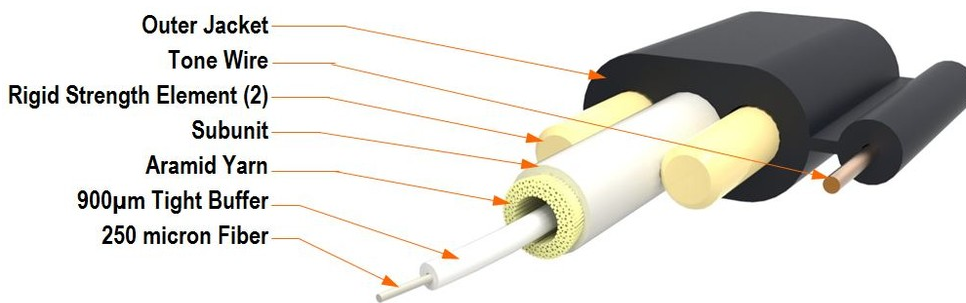
Ordering Tree

FHD-H01D-0300F



* 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	91.44 mm 3.6 in
Minimum Bend Radius, unloaded	63.5 mm 2.5 in
Tensile Load, long term, maximum	400.34 N 90 lbf
Tensile Load, short term, maximum	1,334.466 N 300 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

FHD-H01D-0300F

Return Loss, minimum, connector A 65 dB

Environmental Specifications

Installation temperature -30 °C to +60 °C (-22 °F to +140 °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, buried
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 www.commscope.com/ProductCompliance
ROHS	Compliant/Exempted

