

FHD-H01B-0500F



RealFlex® Fiber Optic Drop Cable, hardened full-size to stub, locatable flat, 500 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
Product Type	Fiber drop cable assembly
Product Brand	RealFlex®
Product Series	FHD

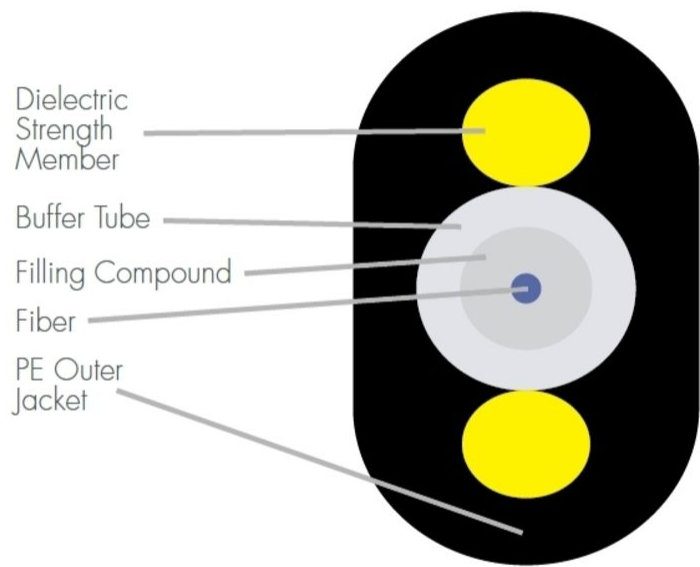
General Specifications

Color, boot A	Black
Color, connector A	Black
Connector A, quantity	1
Interface, Connector A	Hardened full-size SC/APC
Jacket Color	Black
Total Fibers, quantity	1
Transmission Standards	IEC 61753-1 IEC 61754-4 IEC 61755

Dimensions

Height Over Jacket	4.5 mm 0.177 in
Width Over Jacket	8.1 mm 0.319 in
Cord Length	152.4 m 500 ft

Outline Drawing



Material Specifications

Jacket Material Locatable - 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	22 N/mm 3.853 lb/in

Optical Specifications

Fiber Mode Singlemode

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Fiber Type	G.652.D
Insertion Loss, maximum, connector A	0.4 dB
Return Loss, minimum, connector A	60 dB

Environmental Specifications

Operating Temperature	-25 °C to +70 °C (-13 °F to +158 °F)
Storage Temperature	-40 °C to +70 °C (-40 °F to +158 °F)
Environmental Space	Outdoor, buried
Qualification Standards	NEMA type 6, 10 ft waterhead Telcordia GR-20 Telcordia GR-3120

Packaging and Weights

Cable weight	36 kg/km 260.388 lb/kft
Packaging quantity	1

Regulatory Compliance/Certifications

Agency	Classification
CHINA-ROHS	Below maximum concentration value
REACH-SVHC	Compliant as per SVHC revision on www.commscope.com/ProductCompliance
ROHS	Compliant

