

# FHD-H01B-0100F

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RealFlex® Fiber Optic Drop Cable, hardened full-size to stub, locatable flat, 100 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   Latin America   North America
<b>Product Type</b>	Fiber drop cable assembly
<b>Product Brand</b>	RealFlex®
<b>Product Series</b>	FHD

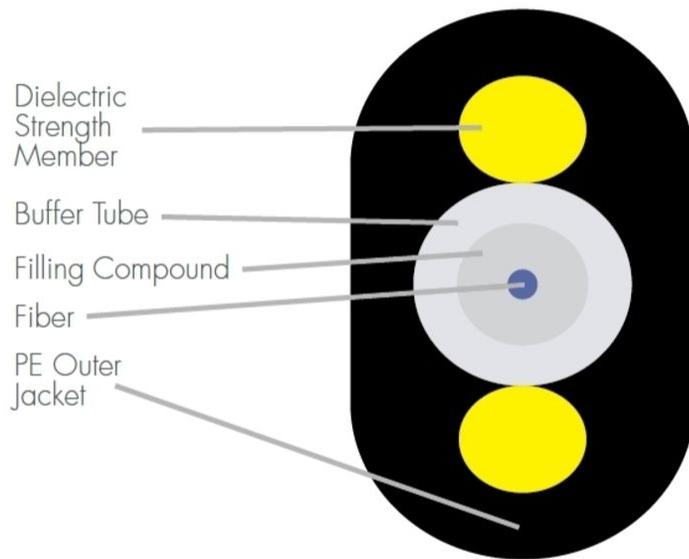
## General Specifications

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

## Dimensions

<b>Height Over Jacket</b>	4.5 mm   0.177 in
<b>Width Over Jacket</b>	8.1 mm   0.319 in
<b>Cord Length</b>	30.48 m   100 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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<b>Fiber Type</b>	G.652.D
<b>Insertion Loss, maximum, connector A</b>	0.4 dB
<b>Return Loss, minimum, connector A</b>	60 dB

## Environmental Specifications

<b>Operating Temperature</b>	-25 °C to +70 °C (-13 °F to +158 °F)
<b>Storage Temperature</b>	-40 °C to +70 °C (-40 °F to +158 °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>	36 kg/km   260.388 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

