



RealFlex® Fiber Optic Drop Cable, 4 Fiber, Hardened SC/APC to SC /APC with 4 ft Breakout at hardened SC/APC side, 50 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>	Asia   Australia/New Zealand   EMEA   Latin America   North America
<b>Portfolio</b>	CommScope®
<b>Product Type</b>	Fiber drop cable assembly
<b>Product Series</b>	FHBD

## General Specifications

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

## Dimensions

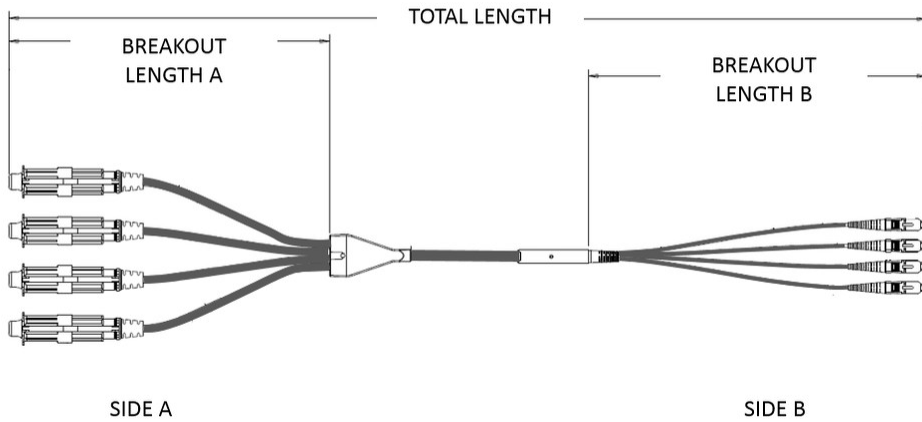
<b>Height Over Jacket</b>	4.3 mm   0.169 in
<b>Breakout Length, connector A</b>	1,219.2 mm   48 in
<b>Breakout Length, connector B</b>	2,438.4 mm   96 in

# 760239488 | FHBD-H04J084A-0050F

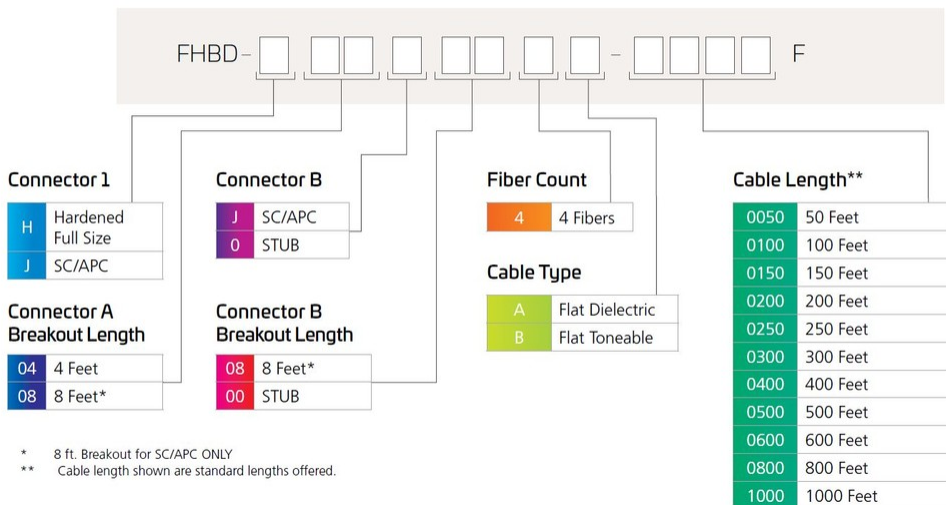
**Cord Length** 15.24 m | 50 ft

**Diameter Over Jacket** 8 mm | 0.315 in

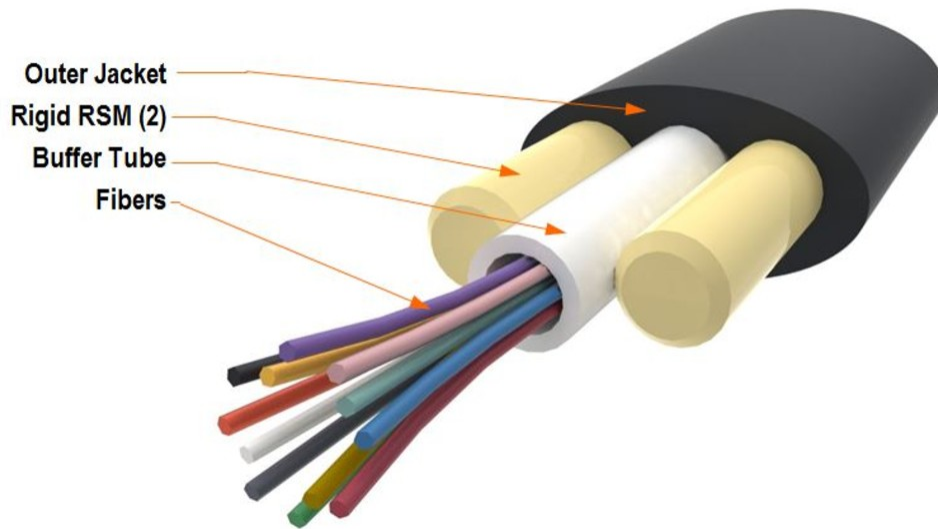
## Outline Drawing



## Ordering Tree



## Representative Image



## Material Specifications

**Jacket Material** Dielectric - Flat

## Mechanical Specifications

**Minimum Bend Radius, loaded** 86 mm | 3.386 in

**Minimum Bend Radius, unloaded** 81 mm | 3.189 in

**Tensile Load, long term, maximum** 400 N | 89.924 lbf

**Tensile Load, short term, maximum** 1334 N | 299.895 lbf

## Optical Specifications

**Fiber Mode** Singlemode

**Fiber Type** G.652.D

**Insertion Loss, maximum, connector A** 0.4 dB

**Insertion Loss, maximum, connector B** 0.4 dB

**Return Loss, minimum, connector A** 65 dB

**Return Loss, minimum, connector B** 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)

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<b>Environmental Space</b>	Outdoor
<b>Jacket UV Resistance</b>	UV stabilized
<b>Qualification Standards</b>	NEMA type 6, 10 ft waterhead   Telcordia GR-20   Telcordia GR-3120   Telcordia GR-326

## Packaging and Weights

<b>Cable weight</b>	38.7 kg/km   26.005 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

