



RealFlex® Fiber Optic Drop Cable, hardened full-size to stub, dielectric flat, 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

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

## Construction Materials

<b>Jacket Material</b>	Dielectric - Flat
<b>Fiber Type</b>	G.652.D
<b>Total Fibers, quantity</b>	1
<b>Fiber Mode</b>	Singlemode
<b>Jacket Color</b>	Black

## Dimensions

<b>Cable Weight</b>	36.0 kg/km
<b>Cord Length</b>	91.44 m   300.00 ft
<b>Height Over Jacket</b>	4.50 mm   0.18 in
<b>Width Over Jacket</b>	8.10 mm   0.32 in

## Environmental Specifications

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

## General Specifications

<b>Interface, connector A</b>	Hardened full-size SC/APC
<b>Interface, connector B</b>	Unterminated
<b>Color, boot A</b>	Black

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Connector A, quantity	1
Connector B, quantity	0
Package Quantity	1
Transmission Standards	IEC 61753-1   IEC 61754-4   IEC 61755
Color, connector A	Black

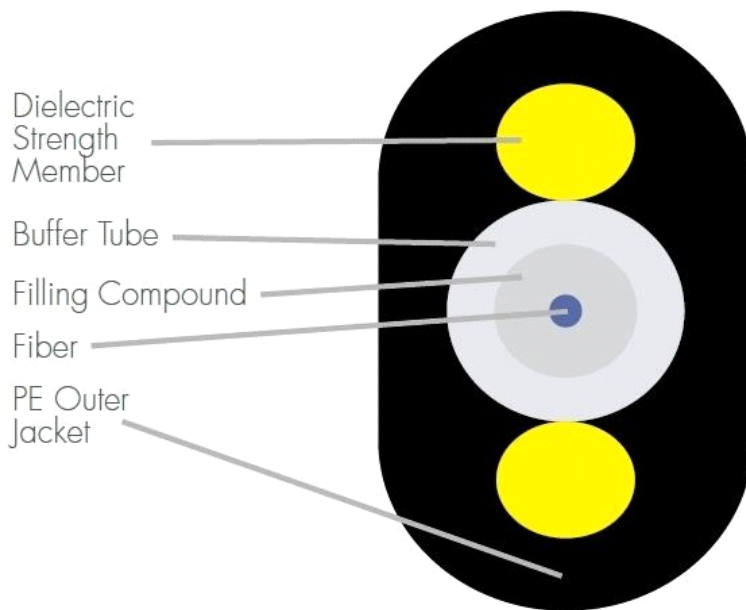
## Mechanical Specifications

Cable Crush Resistance, maximum	22.00 N/mm
Minimum Bend Radius, loaded	100.00 mm
Minimum Bend Radius, unloaded	150.00 mm
Tensile Load, long term, maximum	450.00 N
Tensile Load, short term, maximum	1300.00 N

## Optical Performance

Insertion Loss, maximum, connector A	0.40 dB
Return Loss, minimum, connector A	60.00 dB

## Outline Drawing



## Regulatory Compliance/Certifications

Agency

Classification

RoHS 2011/65/EU

Compliant

