



RealFlex® Fiber Optic Drop Cable, hardened full-size to stub, dielectric flat, 300 m

- 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> | EMEA                      |

## 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>        | 300.00 m   984.25 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                     |

# FHD-H01A-0300M

|                        |                                       |
|------------------------|---------------------------------------|
| 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                                 |

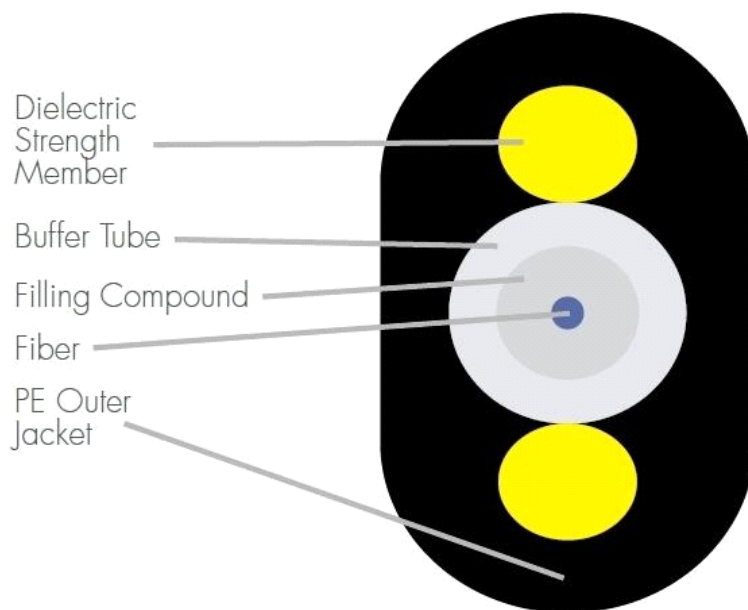
## Mechanical Specifications

|                                   |            |
|-----------------------------------|------------|
| 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

