RealFlex® Fiber Optic Drop Cable, hardened full-size to stub, 600 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

<table>
<thead>
<tr>
<th>Brand</th>
<th>RealFlex®</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product Series</td>
<td>FHD</td>
</tr>
<tr>
<td>Product Type</td>
<td>Fiber drop cable assembly</td>
</tr>
<tr>
<td>Regional Availability</td>
<td>Australia/New Zealand</td>
</tr>
</tbody>
</table>

### Construction Materials

<table>
<thead>
<tr>
<th>Jacket Material</th>
<th>Dielectric - Universal Flat</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jacket UV Resistance</td>
<td>UV stabilized</td>
</tr>
<tr>
<td>Fiber Type</td>
<td>G.657.A2</td>
</tr>
<tr>
<td>Total Fibers, quantity</td>
<td>1</td>
</tr>
<tr>
<td>Fiber Mode</td>
<td>Singlemode</td>
</tr>
<tr>
<td>Jacket Color</td>
<td>Black</td>
</tr>
</tbody>
</table>

### Dimensions

<table>
<thead>
<tr>
<th>Cable Weight</th>
<th>36.0 kg/km</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cord Length</td>
<td>182.88 m</td>
</tr>
<tr>
<td>Height Over Jacket</td>
<td>2.90 mm</td>
</tr>
<tr>
<td>Width Over Jacket</td>
<td>6.10 mm</td>
</tr>
</tbody>
</table>

### Environmental Specifications

<table>
<thead>
<tr>
<th>Environmental Space</th>
<th>Outdoor</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operating Temperature</td>
<td>-25 °C to +70 °C (-13 °F to +158 °F)</td>
</tr>
<tr>
<td>Qualification Standards</td>
<td>NEMA type 6, 10 ft waterhead</td>
</tr>
<tr>
<td>Storage Temperature</td>
<td>-40 °C to +70 °C (-40 °F to +158 °F)</td>
</tr>
</tbody>
</table>

### General Specifications

<table>
<thead>
<tr>
<th>Interface, connector A</th>
<th>Hardened full-size SC/APC</th>
</tr>
</thead>
<tbody>
<tr>
<td>Color, boot A</td>
<td>Black</td>
</tr>
<tr>
<td>Connector A, quantity</td>
<td>1</td>
</tr>
</tbody>
</table>
Package Quantity 1
Transmission Standards IEC 61753-1 | IEC 61754-4 | IEC 61755
Color, connector A Black

Mechanical Specifications
Cable Crush Resistance, maximum 44.00 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

PE Outer Jacket

Dielectric Strength Member

LSZH 900um Buffer

Regulatory Compliance/Certifications

Agency
RoHS 2011/65/EU

Classification
Compliant