DFJ-12S5N-FDNB

HELIA® Discrete, outdoor rated, single mode 12 fiber cable assembly, End 1: HMFOC (Plug) and End 2: Uniboot LC, preinstalled Nokia rubber shroud at each branch cable. Pre-install protection cap included.

HELIA® Discrete, outdoor rated, single mode 12 fiber cable assembly, End 1: HMFOC (Plug) and End 2: Uniboot LC, preinstalled Nokia Rubber shroud at each branch cable. Pre-install Protection Cap for every NOKIA Boot, IP65 rating protection. Main cable length: 0.5m; Branch cable length: available for 2m/6m/8m.

Product Classification

Regional Availability
- Asia
- Australia/New Zealand
- EMEA
- Latin America
- North America

Portfolio
CommScope®

Product Type
Wireless Fiber Cable Assemblies

Product Brand
HELIA®

Product Series
DFT

Ordering Note
CommScope® non-standard product

General Specifications

Construction Type
Discrete fiber trunk

Interface, Connector A
HMFOC

Interface Feature, connector A
Uniboot

Interface Body Style, connector A
Straight

Interface, Connector B
LC/UPC

Interface Feature, connector B
Uniboot

Interface Body Style, connector B
Straight

Jacket Color
Black

Jacket Marking
Meters

Pulling Grips, quantity
1

Total Fibers, quantity
12

Dimensions

Cable Assembly Length Range (m)
1 – 100

Diameter Over Jacket
5.4 mm | 0.213 in

Outline Drawing
Material Specifications

**Jacket Material**
Low Smoke Zero Halogen (LSZH)

Mechanical Specifications

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum Bend Radius, furcation</td>
<td>30 mm (1.181 in)</td>
</tr>
<tr>
<td>Minimum Bend Radius, loaded</td>
<td>108 mm (4.252 in)</td>
</tr>
<tr>
<td>Minimum Bend Radius, unloaded</td>
<td>54 mm (2.126 in)</td>
</tr>
</tbody>
</table>

Optical Specifications

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fiber Mode</td>
<td>Singlemode</td>
</tr>
<tr>
<td>Fiber Type</td>
<td>G.657.A2/B2</td>
</tr>
<tr>
<td>Insertion Loss, typical note</td>
<td>Insertion loss is measured at 1310 and 1550 nm</td>
</tr>
<tr>
<td>Return Loss, minimum, connector A</td>
<td>0.3 dB</td>
</tr>
<tr>
<td>Return Loss, minimum, connector B</td>
<td>0.3 dB</td>
</tr>
</tbody>
</table>

Environmental Specifications

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operating Temperature</td>
<td>-40 °C to +75 °C (-40 °F to +167 °F)</td>
</tr>
<tr>
<td>Storage Temperature</td>
<td>-40 °C to +75 °C (-40 °F to +167 °F)</td>
</tr>
<tr>
<td>Environmental Space</td>
<td>Indoor/Outdoor</td>
</tr>
</tbody>
</table>

Packaging and Weights

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cable weight</td>
<td>29 kg/km (19.487 lb/kft)</td>
</tr>
</tbody>
</table>

* Footnotes

**Insertion Loss, typical note**
Insertion loss is measured at a room temp of +20°C (+68°F)