FD21204-48SRC-325

HELIAX® Pendant HCS 2.0; 6 x 24 hybrid cable includes 12-4AWG conductors x 48-single mode fibers. Top breakout (Pendant); 12 HQLC connectors with fiber and power outputs. Bottom breakout (BBU); blunt cut conductors and DLC connectors, 325 ft

- Note: 4AWG DC conductors are utilized for cable lengths 250 to 450 feet. 6AWG DC conductors are utilized for cable lengths 25 to 225 feet in the FD21206-48SRC-x product family

Product Classification

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

Portfolio
- CommScope®

Product Type
- Hybrid cable assembly

Product Brand
- HELIAX®

Product Series
- FD2

General Specifications

Conductors, quantity
- 12

Construction Type
- Direct breakout trunk

Interface, Connector A
- HQLC

Interface Feature, connector A
- Outdoor

Interface Body Style, connector A
- Straight

Interface, Connector B
- DLC

Interface Feature, connector B
- Standard

Interface Body Style, connector B
- Straight

Total Fibers, quantity
- 48

Dimensions

Cord Length
- 99.06 m | 325 ft

Diameter Over Jacket
- 44.7 mm | 1.76 in

Center Conductor Gauge
- 4 AWG

Center Conductor Gauge Note
- 4 AWG DC conductors for cable lengths from 250 to 450 feet

Mechanical Specifications

©2020 CommScope, Inc. All rights reserved. All trademarks identified by ® or ™ are registered trademarks, respectively, of CommScope. All specifications are subject to change without notice. See www.commscope.com for the most current information. Revised: September 21, 2020
### Minimum Bend Radius
- 360.7 mm | 14.201 in

### Optical Specifications

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fiber Type</td>
<td>G.657.A2/B2</td>
</tr>
<tr>
<td>Assembly Insertion Loss, typical</td>
<td>0.75 dB</td>
</tr>
<tr>
<td>Assembly Insertion Loss, typical note</td>
<td>Insertion loss is measured at 1310 and 1550 nm</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 +80 °C (-40 °F to +176 °F)</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>3.57 kg/m</td>
</tr>
</tbody>
</table>

* Footnotes

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