DFJ-2S7-HW1

HELIAX® Discrete, 2 single mode fiber, 7 mm LSZH cable. End 1: DLC70mm breakout. End 2: DLC 70mm breakout

Product Classification

| Regional Availability | Asia Australia/New Zealand EMEA Latin America North America | | |
|-----------------------------------|---|--|--|
| Portfolio | CommScope® | | |
| Product Type | Wireless Fiber Cable Assemblies | | |
| Product Brand | HELIAX® | | |
| Product Series | DFJ | | |
| Ordering Note | CommScope® non-standard product | | |
| General Specifications | | | |
| Construction Type | Discrete fiber tail | | |
| Interface, Connector A | LC/UPC | | |
| Interface Body Style, connector A | Straight | | |
| Interface, Connector B | LC/UPC | | |
| Interface Body Style, connector B | Straight | | |
| Jacket Color | Black | | |
| Total Fibers, quantity | 2 | | |
| Dimensions | | | |
| Cable Assembly Length Range (m) | 1 - 500 | | |
| Diameter Over Jacket | 7 mm 0.276 in | | |
| | | | |

Ordering Tree

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| | DFJ - 2 | S 7 - | EAS - 10 | м |
|------------------------------|------------------|----------------------|---------------|------------------|
| + | | | | + |
| Discrete cable series | Number of fibers | Cable outer diameter | Breakout code | Length, examples |
| DFJ Discrete Fiber Jumper | 2 | 7 7 millimeters | EAS Ericsson | 1 1 meter |
| | | | HW Huawei | 5 5 meter |
| | Fiber mode | HW1 Huawei | 15 15 meter | |
| | S Sir | ngle Mode | HW2 Huawei | 50 50 meter |
| | | | NB Nokia | 200 200 mete |

Material Specifications

| Jacket Material | Low Smoke Zero Halogen (LSZH) |
|------------------------------|--|
| Mechanical Specifications | |
| Minimum Bend Radius | 70 mm 2.756 in |
| Optical Specifications | |
| Fiber Type | G.657.A2 |
| Insertion Loss, typical note | Insertion loss is measured at 1310 and 1550 nm |
| Insertion Loss, typical | 0.5 |

Environmental Specifications

| Operating Temperature | -40 °C to +80 °C (-40 °F to +176 °F) |
|-----------------------|--------------------------------------|
| Environmental Space | Low Smoke Zero Halogen (LSZH) |

Packaging and Weights

Cable weight

25 kg/km | 16.799 lb/kft

Regulatory Compliance/Certifications

| Agency | Classification |
|---------------|--|
| CHINA-ROHS | Below maximum concentration value |
| ISO 9001:2015 | Designed, manufactured and/or distributed under this quality management system |
| REACH-SVHC | Compliant as per SVHC revision on www.commscope.com/ProductCompliance |
| ROHS | Compliant |
| UK-ROHS | Compliant |

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* Footnotes

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

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