

# DFJ-2S109N

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HELIAX® Direct tail, 2 single mode fiber, armored 6 mm furcation cable, Ruggedized DLC with fiber weatherproof shroud at RRU, outdoor fiber connectors compatible with ODC interface for direct breakout connection

## Product Classification

<b>Regional Availability</b>	Asia   Australia/New Zealand   EMEA   Latin America   North America
<b>Portfolio</b>	CommScope®
<b>Product Type</b>	Wireless Fiber Cable Assemblies
<b>Product Brand</b>	HELIAX®
<b>Product Series</b>	DFJ
<b>Ordering Note</b>	CommScope® non-standard product

## General Specifications

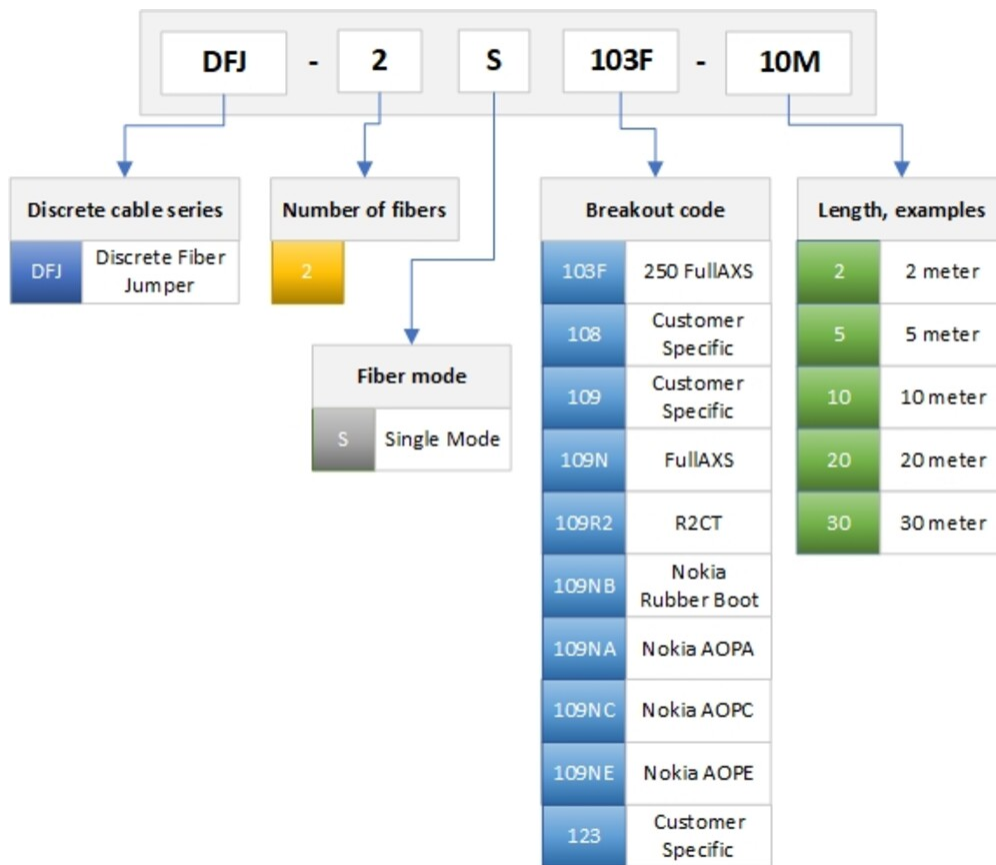
<b>Construction Type</b>	Discrete fiber tail
<b>Interface, Connector A</b>	DLC
<b>Interface Body Style, connector A</b>	Straight
<b>Interface, Connector B</b>	ODC-LC
<b>Interface Feature, connector B</b>	Outdoor
<b>Interface Body Style, connector B</b>	Straight
<b>Jacket Color</b>	Black
<b>Total Fibers, quantity</b>	2

## Dimensions

<b>Cable Assembly Length Range (m)</b>	1 – 30
<b>Diameter Over Jacket</b>	6 mm   0.236 in

## Ordering Tree

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## Mechanical Specifications

**Minimum Bend Radius, furcation** 61 mm | 2.402 in

## Optical Specifications

**Fiber Type** G.657.A2

**Insertion Loss, typical note** Insertion loss is measured at 1310 and 1550 nm

**Insertion Loss, typical** 0.75

## Environmental Specifications

**Operating Temperature** -40 °C to +70 °C (-40 °F to +158 °F)

**Environmental Space** Outdoor

## Packaging and Weights

**Cable weight** 48 kg/km | 32.255 lb/kft

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## Regulatory Compliance/Certifications

<b>Agency</b>	<b>Classification</b>
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 <a href="http://www.commscope.com/ProductCompliance">www.commscope.com/ProductCompliance</a>
ROHS	Compliant
UK-ROHS	Compliant



### \* Footnotes

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