

# FJ-1S5-PFNN

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HELIAX® Discrete, outdoor rated, single mode G.657.A2 fiber cable assembly, End 1: Full-sized Hardened Connector (\*OptiTap® Compatible) Female and End 2: OptiTip Compatible connector Plug (Un-Pinned, terminated to Pin 6).

## Product Classification

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

## General Specifications

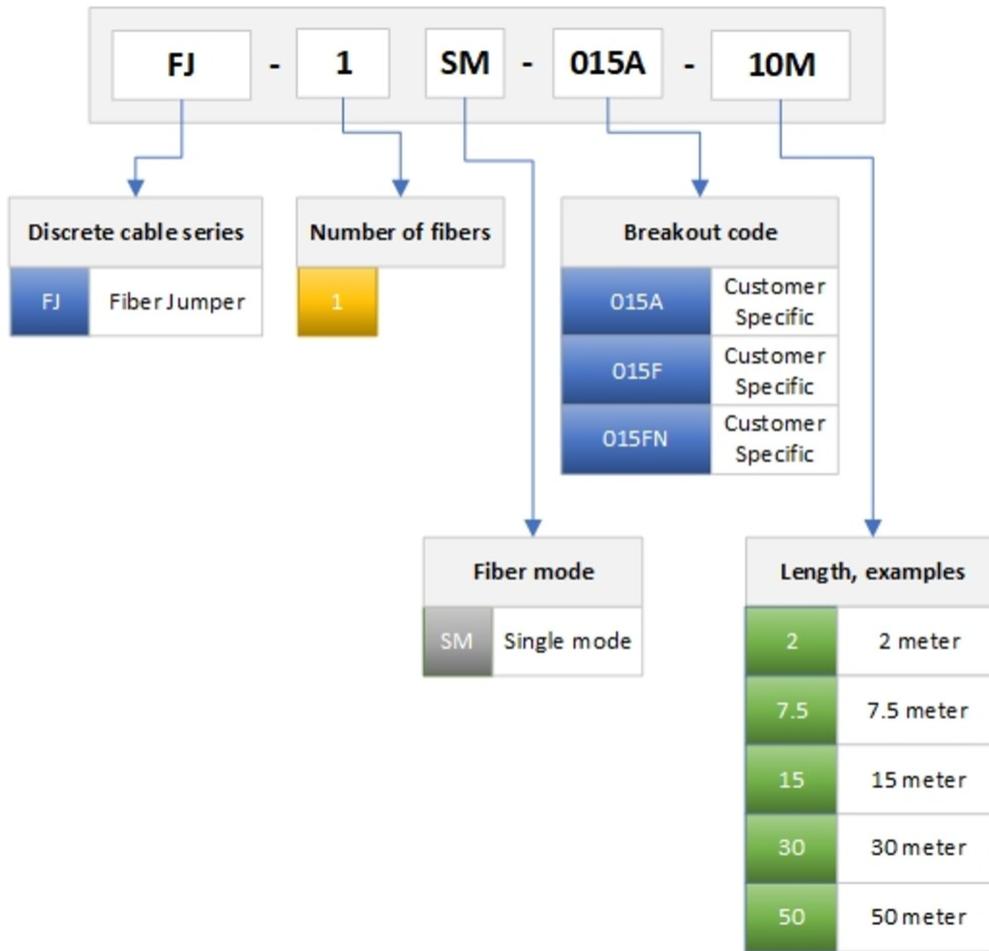
<b>Construction Type</b>	Direct fiber tail
<b>Interface, Connector A</b>	OptiTip compatible
<b>Interface Body Style, connector A</b>	Straight
<b>Interface, Connector B</b>	SC/UPC
<b>Interface Body Style, connector B</b>	Straight
<b>Jacket Color</b>	Black
<b>Total Fibers, quantity</b>	1

## Dimensions

<b>Cable Assembly Length Range (m)</b>	1.5 – 50
<b>Diameter Over Jacket</b>	5.5 mm   0.217 in

## Ordering Tree

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## Material Specifications

### Jacket Material

Low Smoke Zero Halogen (LSZH)

## Mechanical Specifications

### Minimum Bend Radius, loaded

110 mm | 4.331 in

### Minimum Bend Radius, unloaded

55 mm | 2.165 in

## Optical Specifications

### Fiber Mode

Singlemode

### Fiber Type

G.657.A2

### Insertion Loss, typical note

Insertion loss is measured at 1310 and 1550 nm

### Insertion Loss, maximum, connector A

0.55 dB

### Insertion Loss, maximum, connector B

0.55 dB

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<b>Insertion Loss, typical</b>	0.5
<b>Return Loss, minimum, connector A</b>	60 dB
<b>Return Loss, minimum, connector B</b>	65 dB

## Environmental Specifications

<b>Installation temperature</b>	-10 °C to +70 °C (+14 °F to +158 °F)
<b>Operating Temperature</b>	-40 °C to +70 °C (-40 °F to +158 °F)
<b>Storage Temperature</b>	-40 °C to +70 °C (-40 °F to +158 °F)
<b>Environmental Space</b>	Indoor/Outdoor
<b>Jacket UV Resistance</b>	UV stabilized

## Packaging and Weights

<b>Cable weight</b>	48 kg/km   32.255 lb/kft
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## \* Footnotes

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