

# FJ-1S5-PFNN



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

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

## General Specifications

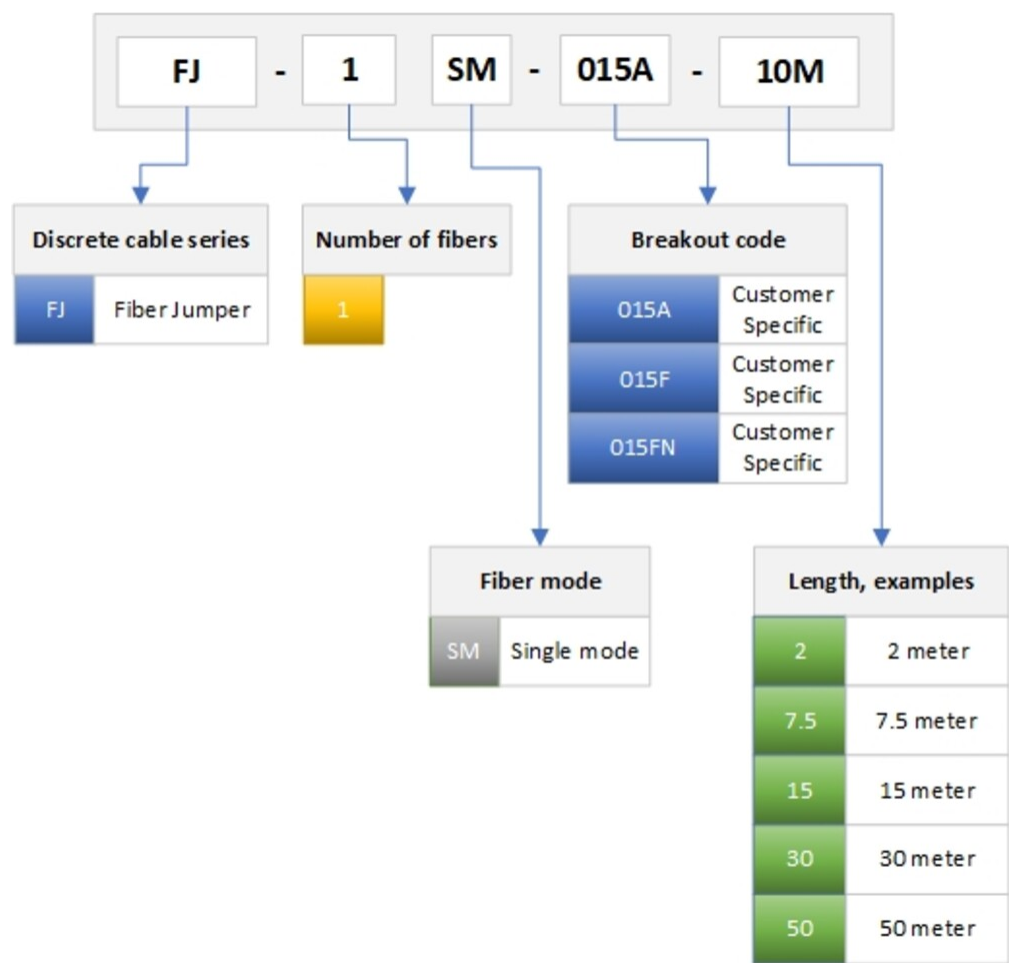
Construction Type	Direct fiber tail
Interface, Connector A	OptiTip compatible
Interface Body Style, connector A	Straight
Interface, Connector B	SC/UPC
Interface Body Style, connector B	Straight
Jacket Color	Black
Total Fibers, quantity	1

## Dimensions

Cable Assembly Length Range (m)	1.5 – 50
Diameter Over Jacket	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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Insertion Loss, typical	0.5
Return Loss, minimum, connector A	60 dB
Return Loss, minimum, connector B	65 dB

## Environmental Specifications

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

## Packaging and Weights

Cable weight	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)