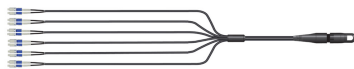# FJ-12S5-HFNN-3M

HELIAX® Discrete, outdoor rated, single mode (G.657.A2) fiber cable assembly, End 1: Duplex SC. End 2: HMFOC (Plug). Main cable length: 0.8 m; Branch cable length: 2.2m, total cable assembly length 3m

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	SC Male
Interface Body Style, connector A	Straight
Interface, Connector B	HMFOC
Interface Body Style, connector B	Straight
Jacket Color	Black
Total Fibers, quantity	12

Dimensions

Breakout Length, connector A	99.822 mm	3.93 in
Cable Assembly Length	3.048 m	10 ft
Diameter Over Jacket	5.4 mm	0.213 in

Ordering Tree

| FJ | - | 1 | SM | - | 015A | - | 10M |

Discrete cable series

| FJ | Fiber Jumper |

Number of fibers

| 1 | |

Breakout code

015A	Customer Specific
015F	Customer Specific
015FN	Customer Specific

Fiber mode

| SM | Single mode |

Length, examples

2	2 meter
7.5	7.5 meter
15	15 meter
30	30 meter
50	50 meter
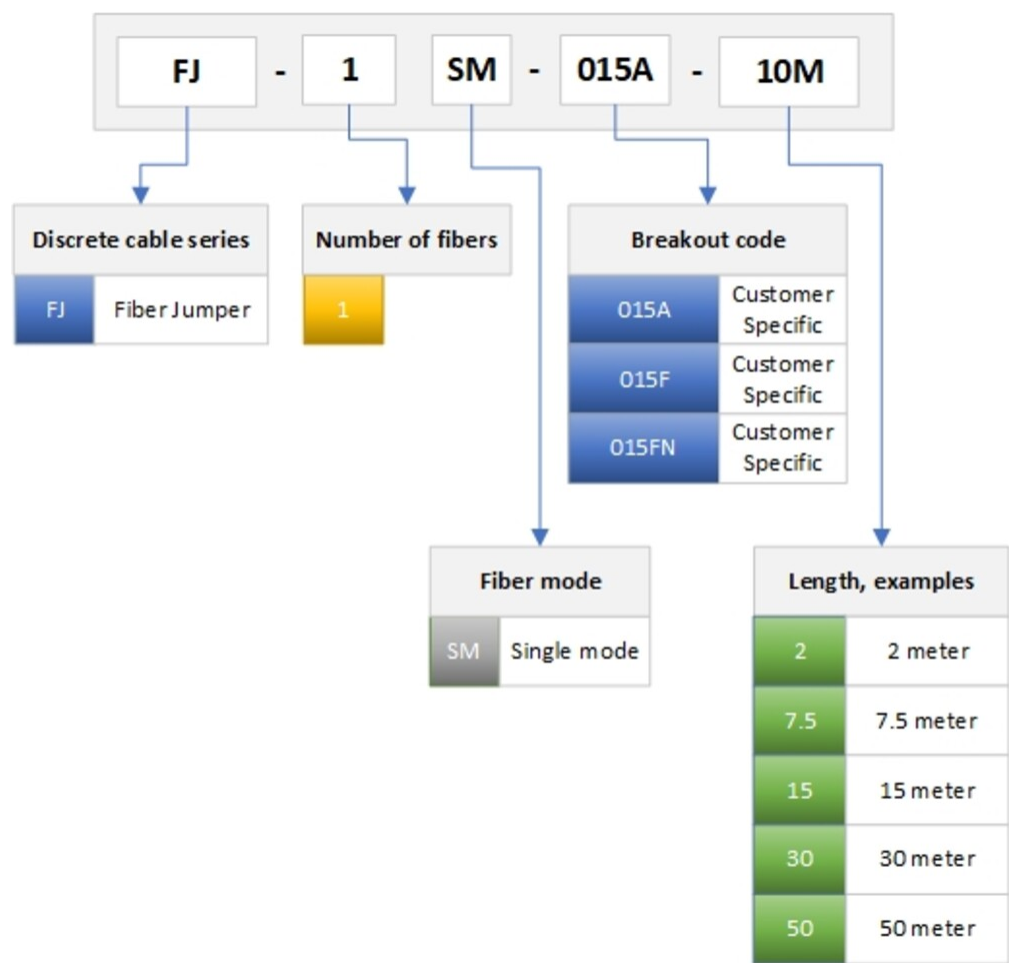
Material Specifications

Jacket Material   Low Smoke Zero Halogen (LSZH)

Mechanical Specifications

Minimum Bend Radius, furcation   61 mm | 2.402 in

Minimum Bend Radius, loaded   108 mm | 4.252 in

Minimum Bend Radius, unloaded   54 mm | 2.126 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, typical   0.3 dB

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FJ-12S5-HFNN-3M

Return Loss, minimum, connector A	50 dB

Environmental Specifications

Installation temperature	-10 °C to +70 °C (+14 °F to +158 °F)
Operating Temperature	-40 °C to +75 °C (-40 °F to +167 °F)
Storage Temperature	-40 °C to +75 °C (-40 °F to +167 °F)
Environmental Space	Indoor/Outdoor
Jacket UV Resistance	UV stabilized

Packaging and Weights

Cable weight	29 kg/km	19.487 lb/kft

* Footnotes

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

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