

# FT-12S5-JHNN-XM



FT-12S5-JHNN-xM (HMFOC Jack 12C-12\*Simplex SC, SM G.657.A2 Fiber Trunk)

HELIAX® Discrete Fiber Trunk, outdoor rated, single mode G.657.A2 fiber cable assembly. End 1: HMFOC (Jack) and End 2: Simplex SC. End 1 HMFOC (Jack) connector to HMFOC Jumper; End 2:12xSimplex SC terminated on Armored breakout tube.End 2 Total length 1.5m for branch cable length. Pulling sock is needed for Trunk HMFOC end.

## Product Classification

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

## General Specifications

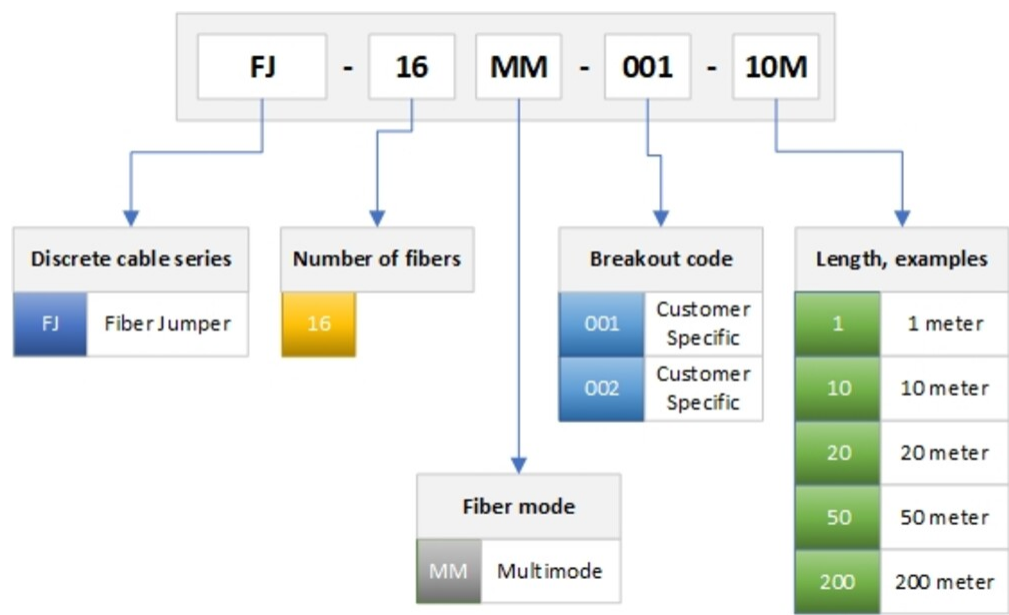
Construction Type	Discrete fiber trunk
Interface, Connector A	HMFOC
Interface Body Style, connector A	Straight
Interface, Connector B	SC/APC
Interface Feature, connector B	Clippable
Interface Body Style, connector B	Straight
Jacket Color	Black
Total Fibers, quantity	12

## Dimensions

Cable Assembly Length Range (m)	5 – 150
Diameter Over Jacket	5 mm   0.197 in

## Ordering Tree

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## Material Specifications

**Jacket Material** Low Smoke Zero Halogen (LSZH)

## Mechanical Specifications

**Minimum Bend Radius, loaded** 108 mm | 4.252 in

**Minimum Bend Radius, unloaded** 54 mm | 2.126 in

## Optical Specifications

<b>Fiber Mode</b>	Singlemode
<b>Fiber Type</b>	G.657.A2
<b>Insertion Loss, typical note</b>	Insertion loss is measured at 1310 and 1550 nm
<b>Insertion Loss, typical</b>	0.5
<b>Insertion Loss, ULL, maximum, connector A</b>	3 dB
<b>Insertion Loss, ULL, maximum, connector B</b>	5 dB
<b>Return Loss, minimum, connector A</b>	50 dB
<b>Return Loss, minimum, connector B</b>	60 dB

## Environmental Specifications

<b>Installation temperature</b>	-30 °C to +70 °C (-22 °F to +158 °F)
<b>Operating Temperature</b>	-40 °C to +75 °C (-40 °F to +167 °F)

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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
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## \* Footnotes

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