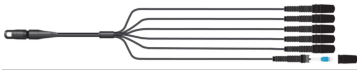# DFJ-12S5N-FDNB

HELIAX® Discrete, outdoor rated, single mode 12 fiber cable assembly, End 1: HMFOC (Plug) and End 2: Uniboot LC, preinstalled Nokia rubber shroud at each branch cable. pre-install protection cap included.

HELIAX® Discrete, outdoor rated, single mode 12 fiber cable assembly, End 1: HMFOC (Plug) and End 2: Uniboot LC, preinstalled Nokia Rubber shroud at each branch cable. Pre-install Protection Cap for every NOKIA Boot, IP65 rating protection.Main cable length: 0.5m; Branch cable length: available for 2m/6m/8m.

Product Classification

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

General Specifications

Construction Type	Discrete fiber trunk
Interface, Connector A	HMFOC
Interface Feature, connector A	Uniboot
Interface Body Style, connector A	Straight
Interface, Connector B	LC/UPC
Interface Feature, connector B	Uniboot
Interface Body Style, connector B	Straight
Jacket Color	Black
Jacket Marking	Meters
Pulling Grips, quantity	1
Total Fibers, quantity	12

Dimensions

Cable Assembly Length Range (m)	1 – 100
Diameter Over Jacket	5.4 mm | 0.213 in

Outline Drawing

COMMSCOPE®

DFJ-12S5N-FDNB
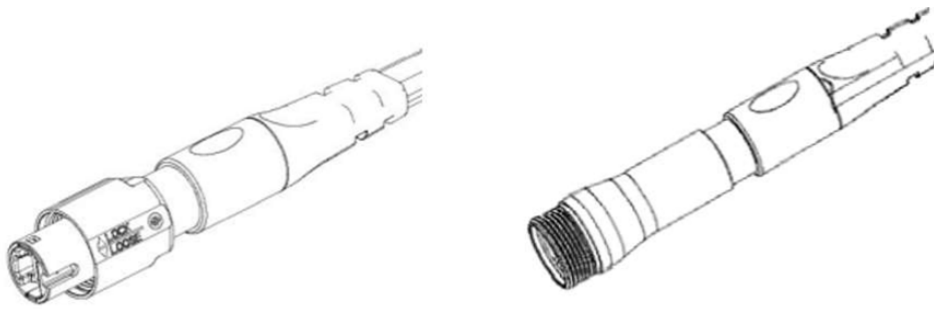
Material Specifications

Jacket Material	Low Smoke Zero Halogen (LSZH)

Mechanical Specifications

Minimum Bend Radius, furcation	30 mm | 1.181 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/B2
Insertion Loss, typical note	Insertion loss is measured at 1310 and 1550 nm
Return Loss, minimum, connector A	0.3 dB
Return Loss, minimum, connector B	0.3 dB

Environmental Specifications

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

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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