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CommScope HELIAX 1/2" SureFlex Jumper with interface types N Male and N Male, 0.5 m

SKU
ACC-CS-00112
MPN
F4A-HPNMNM-M5

Description

The CommScope HELIAX 1/2" SureFlex Jumper (SKU: ACC-CS-00112, Part Number: F4A-HPNMNM-M5) is a premium RF coaxial cable designed for reliable performance in large antenna systems. Measuring 0.5 metres, this jumper features N Male connectors on both ends with a straight, free-hanging design, ensuring versatility in various installations.

Built with a 1/2" corrugated structure, this cable employs a solid corrugated copper outer conductor, offering excellent shielding effectiveness of 110 dB and low Passive Intermodulation (PIM) targets, achieving a 3rd Order PIM rating of -112 dBc. It supports a broad operating frequency range and maintains performance with a VSWR of ≤ 1.11:1, and Return Loss up to 30.04 dB at frequencies from 680 MHz to 2200 MHz.

The HELIAX jumper is ISO 9001 certified, reflecting its adherence to high-quality management standards. It is engineered to endure multiple mating cycles, making it a durable choice for demanding...

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RF Specification

PIM, 3rd Order
-112 dBc
VSWR Measurement

Frequency	VSWR	Return Loss
680 MHz	≤ 1.07:1	≤ 30.04 dB
1700 MHz	≤ 1.07:1	≤ 30.04 dB
2200 MHz	≤ 1.11:1	≤ 25.96 dB

Physical Specification

Subtype
Jumper Cable
Compliance/Certifications
ISO 9001 Quality Management
Length
0.5 m
RF Connectors

RF Interface	Body Shape	Mounting

N Male	Straight	Free Hanging
N Male	Straight	Free Hanging

RSJ4-50

Min. Frequency
0 GHz
Impedance
50 Ω
Min. Bend Radius Static
31.75 mm
Min. Bend Radius Dynamic
31.75 mm
Max. Frequency
10.2 GHz
Colour
Black
Weight (g/m)
150 g
Cable Layers

Layer	Diameter	Materials
Inner Conductor	3.59 mm	Copper Clad Aluminium (CCA)
Dielectric	9.42 mm	Foamed Polyethylene (EPE)
Outer Conductor	11.99 mm	Corrugated Copper Tube
Outer Jacket	13.41 mm	Polyethylene (PE)

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