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Commscope HELIAX 1/2" SureFlex Jumper Cable, N Male to N Male, 2.0m

SKU
ACC-CS-00377
MPN
F4A-HPNMNM-2M

Description

The Commscope HELIAX 1/2" SureFlex Jumper Cable, N Male to N Male (2.0m) is a premium RF cable designed for high-performance antenna systems. Model F4A-HPNMNM-2M features 1/2" corrugated coaxial construction, ideal for passive Distributed Antenna Systems. Its solid corrugated copper outer conductor ensures superior shielding with 110 dB effectiveness and meets low PIM targets, achieving a 3rd Order PIM rating of -112 dBc.

Designed for durability, this cable supports multiple mating cycles and operates efficiently across a frequency range of 680 MHz to 2700 MHz. The cable exhibits excellent performance with a VSWR of ≤ 1.07:1 and Return Loss of ≤ 30.04 dB at 680 MHz and 1700 MHz, and a VSWR of ≤ 1.11:1 at 2200 MHz. Both ends are fitted with N Male connectors, featuring a Straight body shape and Free Hanging mounting style.

Manufactured by CommScope, a global leader in communications infrastructure, this cable meets ISO 9001 quality...

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CommScope

CommScope (NASDAQ: COMM) helps design, build and manage wired and wireless networks around the world. As a communications infrastructure leader, we shape the always-on networks of tomorrow. For more than 40 years, our global team of greater than 20,000 employees, innovators and technologists have empowered customers in all regions of the world to anticipate what’s next and push the boundaries of ...

RF Specification

Start Frequency
0.68 GHz
PIM, 3rd Order
-112 dBc
Stop Frequency
2.7 GHz
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
2 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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