

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 $\leq 1.11:1$, 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...

[Read More](#)



COMMSCOPE®

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

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 Length: 0.5 m

Compliance/Certifications: ISO 9001 Quality Management

RF Connectors

RF Interface

N Male

N Male

Body Shape

Straight

Straight

Mounting

Free Hanging

Free Hanging

RSJ4-50

Min. Frequency: 0 GHz Max. Frequency: 10.2 GHz

Impedance: 50 Colour: Black

Min. Bend Radius Static: 31.75 mm Weight (g/m): 150 g

Min. Bend Radius Dynamic: 31.75 mm

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)

Disclaimer: Although care has been taken to ensure the accuracy, completeness and reliability of the information provided, Powertec assumes no responsibility therefore. The user of the information agrees that the information is subject to change without notice. Powertec assumes no responsibility for the consequences of use of such information, nor for any infringement of third party intellectual property rights which may result from its use. IN NO EVENT SHALL POWERTEC BE LIABLE FOR ANY DIRECT, INDIRECT, SPECIAL, OR INCIDENTAL DAMAGE RESULTING FROM, ARISING OUT OF OR IN CONNECTION WITH THE USE OF THE INFORMATION.

