

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

SKU: ACC-CS-00111

MPN: F4A-PNMNM-1M

## Description

The CommScope HELIAX 1/2" SureFlex Jumper (SKU: ACC-CS-00111, Part Number: F4A-PNMNM-1M) is a high-performance RF coaxial cable designed for demanding antenna systems. Featuring N Male connectors on both ends, this 1 m cable is crafted for seamless integration in passive Distributed Antenna Systems.

Constructed from a 1/2" corrugated coaxial cable, it boasts a 15.87 mm outer diameter and a 4.83 mm inner conductor. The solid corrugated copper outer conductor provides 110 dB of shielding, ensuring low passive intermodulation (PIM) and reliable performance. The cable is durable, designed to endure multiple mating cycles, and operates effectively across a 0-3000 GHz frequency range.

The SureFlex Jumper meets ISO 9001 quality management standards, affirming its high-quality construction. At 3000 MHz, it delivers a VSWR of  $\leq 1.11:1$  and a return loss of  $\leq 25.96$  dB, while at 2700 MHz, it achieves a VSWR of  $\leq 1.08:1$  and a return loss of  $\leq 27.99$  dB...

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# RF Specification

## VSWR Measurement

Frequency	VSWR	Return Loss
3000 MHz	≤ 1.11:1	≤ 25.96 dB
2700 MHz	≤ 1.08:1	≤ 27.99 dB

## Physical Specification

Subtype: Jumper Cable Length: 1 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)

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