

# 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  $\leq 1.07:1$  and Return Loss of  $\leq 30.04$  dB at 680 MHz and 1700 MHz, and a VSWR of  $\leq 1.11:1$  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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## RF Specification

Start Frequency:	CommScope 0.68 GHz	Stop Frequency:	2.7 GHz
PIM, 3rd Order:	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 ...		
VSWR Measurement:	-112 dBc		

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:	2 m
Compliance/Certifications:	ISO 9001 Quality Management		

### RF Connectors

RF Interface	Body Shape	Mounting
N Male	Straight	Free Hanging
N Male	Straight	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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