

# CommScope Heliacx 3/8" SureFlex(r) Jumper with interface types N Male and N Male, 2 m

SKU: ACC-CS-00104

MPN: F2A-NMNM-2M-P

## Description

The CommScope Heliacx 3/8" SureFlex® Jumper (SKU: ACC-CS-00104, Part No: F2A-NMNM-2M-P) is a high-performance coaxial cable designed for efficient RF connections in large antenna systems. This 2-metre jumper cable features N Male connectors on both ends, with straight body shapes and free-hanging mounting styles, ensuring reliable connectivity.

Constructed with a 3/8" corrugated design, it includes a solid corrugated copper outer conductor, providing 110 dB shielding effectiveness for optimal signal integrity and very low Passive Intermodulation (PIM). The cable maintains an outer diameter of 11.2 mm and an inner conductor diameter of 3.3 mm, offering robust performance in distributed antenna systems.

Operating across a frequency range of 700 MHz to 3000 MHz, the cable delivers excellent performance metrics, including a VSWR of  $\leq 1.22:1$  and a Return Loss of  $\leq 20.01$  dB. It is built to endure frequent mating cycles, making it ideal for...

[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

Start Frequency: 0.7 GHz Stop Frequency: 3 GHz

## VSWR Measurement

Frequency	VSWR	Return Loss
700 MHz	$\leq 1.22:1$	$\leq 20.01$ dB

# Physical Specification

Subtype: Jumper Cable Length: 2 m

Compliance/Certifications: ISO 9001 Quality Management

RoHS

# RF Connectors

## RF Interface

N Male

N Male

## Body Shape

Straight

Straight

## Mounting

Free Hanging

Free Hanging

# FSJ2-50

Min. Frequency: 0 GHz Max. Frequency: 13.4 GHz

Impedance: 50 Colour: Black

Min. Bend Radius Static: 25.4 mm Weight (g/m): 120 g

Min. Bend Radius Dynamic: 25.4 mm

# Cable Layers

Layer	Diameter	Materials
Inner Conductor	2.79 mm	Copper Clad Aluminium (CCA)
Dielectric	7.11 mm	Foamed Polyethylene (EPE)
Outer Conductor	9.65 mm	Corrugated Copper Tube
Outer Jacket	10.54 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.

