

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...

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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 | 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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