

Page



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CommScope FSJ1-50A SureFlex(r) Jumper with interface types N Male and SMA Male, 1 m

SKU
ACC-CS-00371
MPN
F1A-PNMSM-1M

Description

The CommScope FSJ1-50A SureFlex® Jumper Cable, part number F1A-PNMSM-1M, is a high-performance RF cable designed for reliable connectivity. Measuring 1 metre, it features N Male and SMA Male connectors with a straight body and free-hanging mounting style, ensuring versatile installation options.

This coaxial jumper operates within a frequency range of 700 MHz to 3 GHz, delivering superior signal integrity. It offers a VSWR of $\leq 1.22:1$ and a Return Loss of ≤ 20.01 dB at 700 MHz, making it ideal for demanding RF applications. The cable is built to endure multiple mating cycles, ensuring longevity and consistent performance.

Compliant with ISO 9001 Quality Management and RoHS standards, this cable assembly also meets IEC 60068-2-14 mechanical standards for temperature change, guaranteeing robust performance in varying environmental conditions.

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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

3000 MHz ≤ 1.22:1 ≤ 20.01 dB

Physical Specification

Subtype

[Jumper Cable](#)

Compliance/Certifications

[RoHS](#)

,

[ISO 9001 Quality Management](#)

Length

1 m

RF Connectors

RF Interface Body Shape Mounting

[N Male](#) [Straight](#) [Free Hanging](#)

[SMA Male](#) [Straight](#) [Free Hanging](#)

FSJ1-50A

Min. Frequency

0 GHz

Impedance

50 Ω

Min. Bend Radius Static

25.4 mm

Min. Bend Radius Dynamic

25.4 mm

Max. Frequency

18 GHz

Colour

Black

Weight (g/m)

70 g

Cable Layers

Layer	Diameter	Materials
Inner Conductor	1.91 mm	Copper Clad Aluminium (CCA)
Dielectric	4.83 mm	Foamed Polyethylene (EPE)
Outer Conductor	6.35 mm	Corrugated Copper Tube
Outer Jacket	7.37 mm	Polyethylene (PE)

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