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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 ≤ 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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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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