

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.

CommScope, a renowned leader in telecommunications infrastructure, ensures the highest quality in...

[Read More](#)



RF Specification

Start Frequency:	CommScope 0.7 GHz	Stop Frequency:	3 GHz
 <p>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</p>			
VSWR Measurement			
Frequency	VSWR	Return Loss	
3000 MHz	$\leq 1.22:1$	≤ 20.01 dB	

Physical Specification

Subtype:	Jumper Cable	Length:	1 m
----------	--------------	---------	-----

Compliance/Certifications:	RoHS
----------------------------	------

ISO 9001 Quality Management

RF Connectors

RF Interface

N Male

SMA Male

Body Shape

Straight

Straight

Mounting

Free Hanging

Free Hanging

FSJ1-50A

Min. Frequency:	0 GHz	Max. Frequency:	18 GHz
-----------------	-------	-----------------	--------

Impedance:	50	Colour:	Black
------------	----	---------	-------

Min. Bend Radius Static:	25.4 mm	Weight (g/m):	70 g
--------------------------	---------	---------------	------

Min. Bend Radius Dynamic:	25.4 mm
---------------------------	---------

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)

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.

