

CommScope RSJ4-50 1/2" SureFlex Jumper Cable with interface types N Male and N Male, 1m

SKU: ACC-CS-00082

MPN: F4A-HPNMNM-1M

Description

The CommScope RSJ4-50 1/2" SureFlex Jumper Cable (SKU: ACC-CS-00082) is a premium RF cable designed for robust antenna systems. With a length of 1 metre, this cable features N Male connectors on both ends for seamless integration. Its 1/2" corrugated design ensures durability and optimal performance, achieving a shielding effectiveness of 110 dB and meeting low Passive Intermodulation (PIM) targets with a 3rd Order PIM rating of -155 dBc.

Operating efficiently within a frequency range of 680 MHz to 2700 MHz, this cable provides excellent VSWR and Return Loss metrics across various frequencies: $\leq 1.07:1$ VSWR and ≤ 30 dB Return Loss at 680 MHz and 1700 MHz, and $\leq 1.11:1$ VSWR and ≤ 26 dB Return Loss at 2200 MHz. The solid corrugated copper outer conductor enhances signal integrity, making it ideal for applications in passive Distributed Antenna Systems.

This cable is RoHS compliant and manufactured under ISO 9001 Quality Management standards...

[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

PIM, 3rd Order:	-155 dBc
-----------------	----------

VSWR Measurement

Frequency	VSWR	Return Loss
960 MHz	≤ 1.07:1	≤ 30 dB
2200 MHz	≤ 1.07:1	≤ 30 dB
2700 MHz	≤ 1.11:1	≤ 26 dB

Physical Specification

Subtype:	Jumper Cable	Length:	1 m
Compliance/Certifications:	RoHS		
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)

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.

