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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: ≤ 1.07:1 VSWR and ≤ 30 dB Return Loss at 680 MHz and 1700 MHz, and ≤ 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...

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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

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
Compliance/Certifications
RoHS
,
ISO 9001 Quality Management
Length
1 m

RF Connectors

RF Interface	Body Shape	Mounting
N Male	Straight	Free Hanging
N Male	Straight	Free Hanging

RSJ4-50

Min. Frequency
0 GHz
Impedance
50 Ω
Min. Bend Radius Static
31.75 mm
Min. Bend Radius Dynamic
31.75 mm
Max. Frequency
10.2 GHz
Colour
Black
Weight (g/m)
150 g
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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