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CommScope RSJ4-50 SureFlex(r) Jumper with interface types N Male and N Male, 0.5m

SKU
ACC-CS-00094
MPN
F4S-NMNM-M5-P

Description

The CommScope RSJ4-50 SureFlex Jumper Cable, model F4S-NMNM-M5-P, is a high-performance RF coaxial cable featuring N Male to N Male connectors. Measuring 0.5 metres and weighing 150 grams, this cable is constructed from 1/2" corrugated coaxial material, known for its reliability in large antenna systems and DAS applications.

Key features include a solid corrugated copper outer conductor offering 110 dB shielding, ensuring low PIM levels with a 3rd Order PIM rating of -112 dBc. It operates effectively within a frequency range of 1 GHz to 3 GHz, suitable for various networking needs. The cable’s durability supports multiple mating cycles, ideal for dynamic environments.

Performance metrics at 960 MHz and 2200 MHz show a VSWR of ≤ 1.07:1 and Return Loss of ≤ 30.04 dB, while at 2700 MHz, it maintains a VSWR of ≤ 1.11:1 and Return Loss of ≤ 25.96 dB. These specifications underscore its capability for consistent signal transmission.

This product...

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RF Specification

PIM, 3rd Order
-112 dBc
VSWR Measurement

Frequency	VSWR	Return Loss
698 MHz	≤ 1.07:1	≤ 30.04 dB
1700 MHz	≤ 1.07:1	≤ 30.04 dB
2200 MHz	≤ 1.11:1	≤ 25.96 dB

Physical Specification

Subtype
Jumper Cable
Compliance/Certifications
ISO 9001 Quality Management
Length
0.5 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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