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CommScope 0.5m 1/2" Jumper Cable with 4.3-10 Male to 4.3-10 Male Connectors

SKU
ACC-CS-00053
MPN
F4-HMHM-M5-P

Description

The CommScope 0.5m 1/2" Jumper Cable (SKU: ACC-CS-00053), part number F4-HMHM-M5-P, features 4.3-10 Male connectors on both ends, suitable for RF applications demanding flexibility and reliability. This cable belongs to the RSJ4-50 series, a part of the renowned HELIAX® line, known for its superflexible design with a 1/2-inch foam coaxial structure. The cable's corrugated copper outer conductor, shielded by a robust black polyethylene jacket, is ideal for installations with tight space constraints, enabling complex routing without compromising performance.

The RSJ4-50 Jumper Cable supports a wide range of RF applications, with a 3rd Order PIM rating of -119 dBc. At 698 MHz and 1700 MHz, it delivers a VSWR of ≤ 1.07:1 and a Return Loss of ≤ 30.00 dB, maintaining excellent performance up to 3400 MHz with a VSWR of ≤ 1.22:1 and a Return Loss of ≤ 20.00 dB. Its design is built to endure multiple mating cycles, ensuring long-term reliability...

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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
-119 dBc
VSWR Measurement

Frequency	VSWR	Return Loss
698 MHz	≤ 1.07:1	≤ 30 dB
1700 MHz	≤ 1.07:1	≤ 30 dB
2200 MHz	≤ 1.08:1	≤ 28 dB
3400 MHz	≤ 1.22:1	≤ 20 dB

Physical Specification

Subtype
Jumper Cable
Length
0.5 m
RF Connectors

RF Interface	Body Shape	Mounting

4.3-10 Male	Straight	Free Hanging
4.3-10 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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