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CommScope 3m 1/2" Jumper Cable with 4.3-10 Male to 4.3-10 Male Connectors

SKU
ACC-CS-00056
MPN
F4-HMHM-3M-P

Description

The CommScope 3m 1/2" Jumper Cable (SKU: ACC-CS-00056, Part Number: F4-HMHM-3M-P) features 4.3-10 Male to 4.3-10 Male Connectors and is part of the RSJ4-50 series, renowned for its exceptional flexibility. This superflexible 1/2-inch foam coaxial cable, part of the HELIAX® range, is engineered with a corrugated copper outer conductor and a robust black polyethylene jacket, making it ideal for installations requiring tight bends and complex routing where space is limited.

The cable operates within a frequency range of 1 GHz to 4 GHz and boasts a 3rd Order PIM rating of -119 dBc, ensuring reliable performance. Its connectors are straight and free-hanging, allowing for easy installation. Performance measurements reveal a VSWR of ≤ 1.07:1 and a Return Loss of ≤ 30.04 dB at 698 MHz and 1700 MHz, and a VSWR of ≤ 1.22:1 with a Return Loss of ≤ 20.01 dB at 3400 MHz.

This cable assembly is compliant with ISO 9001 Quality Management and RoHS...

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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

Start Frequency
0.7 GHz
PIM, 3rd Order
-119 dBc
Stop Frequency
3.8 GHz
VSWR Measurement

Frequency	VSWR	Return Loss
698 MHz	≤ 1.07:1	≤ 30.04 dB
1700 MHz	≤ 1.07:1	≤ 30.04 dB
2200 MHz	≤ 1.08:1	≤ 27.99 dB
3400 MHz	≤ 1.22:1	≤ 20.01 dB

Physical Specification

Subtype
Jumper Cable
Compliance/Certifications

ISO 9001 Quality Management
,
RoHS
Length
3 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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