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

SKU
ACC-CS-00055
MPN
F4-HMHM-2M-P

Description

The CommScope 2m 1/2" Jumper Cable (SKU: ACC-CS-00055) features 4.3-10 Male connectors on both ends and is part of the HELIAX® RSJ4-50 series. Designed for applications requiring tight bends, this superflexible, 1/2-inch foam coaxial cable is constructed with a corrugated copper outer conductor and a durable black polyethylene jacket, making it ideal for space-constrained environments.

This cable ensures reliable performance with a 3rd Order PIM rating of -119 dBc and supports a broad operating frequency range. It offers exceptional VSWR and Return Loss performance across different frequencies: ≤ 1.07:1 VSWR and ≤ 30.04 dB Return Loss at 698 MHz and 1700 MHz, ≤ 1.08:1 VSWR and ≤ 27.99 dB Return Loss at 2200 MHz, and ≤ 1.22:1 VSWR and ≤ 20.01 dB Return Loss at 3400 MHz.

Compliant with ISO 9001 and RoHS standards, the cable is engineered to withstand repeated mating cycles, ensuring longevity and reliability. The 4.3-10 Male connectors are...

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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	≤ 30.04 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

2 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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