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CommScope HELIAX(r) 1/2" SureFlex(r) Jumper with interface types 4.3-10 Male and 4.3-10 Female, 1m

SKU
ACC-CS-00097
MPN
F4A-HPHMHF-1M

Description

The CommScope HELIAX® 1/2" SureFlex® Jumper Cable (1m, SKU: ACC-CS-00097, Part No: F4A-HPHMHF-1M) is a robust RF coaxial cable tailored for optimal performance in wireless networks. Featuring 4.3-10 Male to 4.3-10 Female connectors, this cable is designed for reliable free-hanging installations with a straight body configuration.

Engineered to endure multiple mating cycles, it ensures long-lasting connectivity. The cable supports a third-order PIM rating of -119 dBc, indicating superior signal integrity. Its performance across various frequencies is impressive: with a VSWR of ≤ 1.07:1 and a Return Loss of ≤ 30.04 dB at 960 MHz and 2200 MHz, and a VSWR of ≤ 1.08:1 with a Return Loss of ≤ 27.99 dB at 2700 MHz. At 3800 MHz, it maintains a VSWR of ≤ 1.22:1 and a Return Loss of ≤ 20.01 dB.

This cable assembly meets ISO 9001 Quality Management standards, underscoring its reliability and adherence to quality. Ideal for use in high-demand RF...

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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

Start Frequency
0.7 GHz
PIM, 3rd Order
-119 dBc
Stop Frequency
2.7 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
Length
1 m
RF Connectors

RF Interface	Body Shape	Mounting
4.3-10 Male	Straight	Free Hanging
4.3-10 Female	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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