Powertec Wireless Technology
ABN: 42 082 948 463
PO Box 1034, Ashmore City
Queensland, Australia, 4214
sales@powertec.com.au
1300 769 378

CommScope 5m 1/2" Jumper Cable with 4.3-10 Male to 4.3-10 Male Connectors

SKU
ACC-CS-00058
MPN
F4-HMHM-5M-P

Description

The CommScope 5m 1/2" Jumper Cable (SKU: ACC-CS-00058) features 4.3-10 Male connectors on both ends, ideal for RF applications requiring flexibility and reliability. Part of the HELIAX® RSJ4-50 series, this superflexible coaxial cable is designed for installations demanding tight bends and space efficiency. Its construction includes a corrugated copper outer conductor and a durable black polyethylene jacket, making it suitable for complex routing without compromising performance.

With an operating frequency range of 1 GHz to 4 GHz, the cable maintains a 3rd Order PIM rating of -119 dBc and supports multiple mating cycles. It offers excellent performance with a VSWR of ≤ 1.07:1 and a Return Loss of ≤ 30.04 dB at 698 MHz and 1700 MHz, and VSWR of ≤ 1.08:1 at 2200 MHz, ensuring minimal signal reflection and loss.

This cable assembly is compliant with ISO 9001 Quality Management and RoHS standards, ensuring high quality and environmental...

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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
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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