

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 $\leq 1.07:1$ and a Return Loss of ≤ 30.00 dB, maintaining excellent performance up to 3400 MHz with a VSWR of $\leq 1.22:1$ and a Return Loss of ≤ 20.00 dB. Its design is built to endure multiple mating cycles, ensuring long-term reliability...

[Read More](#)



RF Specification

PIM, 3rd Order: -119 dBc

VSWR Measurement

COMMSCOPE®

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 ...

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	Max. Frequency:	10.2 GHz
Impedance:	50	Colour:	Black
Min. Bend Radius Static:	31.75 mm	Weight (g/m):	150 g
Min. Bend Radius Dynamic:	31.75 mm		

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)

Disclaimer: Although care has been taken to ensure the accuracy, completeness and reliability of the information provided, Powertec assumes no responsibility therefore. The user of the information agrees that the information is subject to change without notice. Powertec assumes no responsibility for the consequences of use of such information, nor for any infringement of third party intellectual property rights which may result from its use. IN NO EVENT SHALL POWERTEC BE LIABLE FOR ANY DIRECT, INDIRECT, SPECIAL, OR INCIDENTAL DAMAGE RESULTING FROM, ARISING OUT OF OR IN CONNECTION WITH THE USE OF THE INFORMATION.

