

CommScope 0.5m 3/8" Jumper Cable with 4.3-10 Male to 4.3-10 Male Connectors

SKU: ACC-CS-00052

MPN: F2-HMHM-M5-P

Description

The CommScope 0.5m 3/8" Jumper Cable (SKU: ACC-CS-00052, Part Number: F2-HMHM-M5-P) is an efficient solution for RF connections, featuring 4.3-10 Male connectors on both ends with a straight, free-hanging design. This medium-duty cable is part of the 3/8" corrugated series, known for its 11.2 mm outer diameter and 3.3 mm inner conductor, making it ideal for short interconnections within large antenna systems and Distributed Antenna Systems (DAS).

With a solid corrugated copper outer conductor, the cable ensures 110 dB of shielding effectiveness and meets low PIM standards, with a 3rd Order PIM rating of -110 dBc. It operates across a broad frequency range and delivers high performance with a VSWR of $\leq 1.11:1$ and a Return Loss of ≤ 26.40 dB at frequencies of 698 MHz, 1700 MHz, and 2200 MHz. These specifications make it suitable for applications requiring reliable, low-loss RF connections.

CommScope is a leading provider of...

[Read More](#)



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 ...

RF Specification

PIM, 3rd Order: -110 dBc

VSWR Measurement

Frequency	VSWR	Return Loss
698 MHz	≤ 1.11:1	≤ 26.4 dB
1700 MHz	≤ 1.11:1	≤ 26.4 dB
2200 MHz	≤ 1.11:1	≤ 26.4 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

3/8 Corrugated

Min. Frequency:	0 GHz	Max. Frequency:	13.5 GHz
Impedance:	50	Shielding Effectiveness:	> 110 dB
Min. Bend Radius Static:	40 mm	Colour:	Black
Min. Bend Radius Dynamic:	95 mm	Weight (g/m):	120 g
Attenuation @ 1 GHz:	0.12 dB/m		

Cable Layers

Layer	Diameter	Materials
Inner Conductor	3.30 mm	Copper Clad Aluminium (CCA)
Dielectric	8.30 mm	Foamed Polyethylene (EPE)
Outer Conductor	9.60 mm	Corrugated Copper Tube
Outer Jacket	11.20 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.

