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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 ≤ 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.

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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

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

3/8 Corrugated

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

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