

# CommScope 3m 1/2" Jumper Cable with 4.3-10 Male to 4.3-10 Male Connectors

SKU: ACC-CS-00056

MPN: F4-HMHM-3M-P

## Description

The CommScope 3m 1/2" Jumper Cable (SKU: ACC-CS-00056, Part Number: F4-HMHM-3M-P) features 4.3-10 Male to 4.3-10 Male Connectors and is part of the RSJ4-50 series, renowned for its exceptional flexibility. This superflexible 1/2-inch foam coaxial cable, part of the HELIAX® range, is engineered with a corrugated copper outer conductor and a robust black polyethylene jacket, making it ideal for installations requiring tight bends and complex routing where space is limited.

The cable operates within a frequency range of 1 GHz to 4 GHz and boasts a 3rd Order PIM rating of -119 dBc, ensuring reliable performance. Its connectors are straight and free-hanging, allowing for easy installation. Performance measurements reveal a VSWR of  $\leq 1.07:1$  and a Return Loss of  $\leq 30.04$  dB at 698 MHz and 1700 MHz, and a VSWR of  $\leq 1.22:1$  with a Return Loss of  $\leq 20.01$  dB at 3400 MHz.

This cable assembly is compliant with ISO 9001 Quality Management and RoHS...

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# RF Specification

Start Frequency:	0.7 GHz	Stop Frequency:	3.8 GHz
PIM, 3rd Order:	-119 dBc		

## 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	Length:	3 m
Compliance/Certifications:	ISO 9001 Quality Management		
RoHS			

## 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)

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