

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

SKU: ACC-CS-00055

MPN: F4-HMHM-2M-P

## Description

The CommScope 2m 1/2" Jumper Cable (SKU: ACC-CS-00055) features 4.3-10 Male connectors on both ends and is part of the HELIAX® RSJ4-50 series. Designed for applications requiring tight bends, this superflexible, 1/2-inch foam coaxial cable is constructed with a corrugated copper outer conductor and a durable black polyethylene jacket, making it ideal for space-constrained environments.

This cable ensures reliable performance with a 3rd Order PIM rating of -119 dBc and supports a broad operating frequency range. It offers exceptional VSWR and Return Loss performance across different frequencies:  $\leq 1.07:1$  VSWR and  $\leq 30.04$  dB Return Loss at 698 MHz and 1700 MHz,  $\leq 1.08:1$  VSWR and  $\leq 27.99$  dB Return Loss at 2200 MHz, and  $\leq 1.22:1$  VSWR and  $\leq 20.01$  dB Return Loss at 3400 MHz.

Compliant with ISO 9001 and RoHS standards, the cable is engineered to withstand repeated mating cycles, ensuring longevity and reliability. The 4.3-10 Male connectors are...

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# RF Specification

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:	2 m
Compliance/Certifications:	ISO 9001 Quality Management		
RoHS			

## RF Connectors

**RF Interface**

- 4.3-10 Male
- 4.3-10 Male

**Body Shape**

- Straight
- Straight

**Mounting**

- Free Hanging
- 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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