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# **CommScope HELIAX(r) 1/2"**

## **SureFlex(r) Jumper with interface**

### **types 4.3-10 Male and 4.3-10**

### **Female, 1m**

SKU  
ACC-CS-00097  
MPN  
F4A-HPMHF-1M

## Description

The CommScope HELIAX® 1/2" SureFlex® Jumper Cable (1m, SKU: ACC-CS-00097, Part No: F4A-HPMHF-1M) is a robust RF coaxial cable tailored for optimal performance in wireless networks. Featuring 4.3-10 Male to 4.3-10 Female connectors, this cable is designed for reliable free-hanging installations with a straight body configuration.

Engineered to endure multiple mating cycles, it ensures long-lasting connectivity. The cable supports a third-order PIM rating of -119 dBc, indicating superior signal integrity. Its performance across various frequencies is impressive: with a VSWR of  $\leq 1.07:1$  and a Return Loss of  $\leq 30.04$  dB at 960 MHz and 2200 MHz, and a VSWR of  $\leq 1.08:1$  with a Return Loss of  $\leq 27.99$  dB at 2700 MHz. At 3800 MHz, it maintains a VSWR of  $\leq 1.22:1$  and a Return Loss of  $\leq 20.01$  dB.

This cable assembly meets ISO 9001 Quality Management standards, underscoring its reliability and adherence to quality. Ideal for use in high-demand RF...

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## [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

Start Frequency

0.7 GHz

PIM, 3rd Order

-119 dBc

Stop Frequency

2.7 GHz

VSWR Measurement

Frequency	VSWR	Return Loss
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698 MHz	$\leq 1.07:1$	$\leq 30.04$ dB
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1700 MHz	$\leq 1.07:1$	$\leq 30.04$ dB
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2200 MHz	$\leq 1.08:1$	$\leq 27.99$ dB
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3400 MHz	$\leq 1.22:1$	$\leq 20.01$ dB
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## Physical Specification

Subtype

[Jumper Cable](#)

Compliance/Certifications

## ISO 9001 Quality Management

Length

1 m

### **RF Connectors**

#### **RF Interface Body Shape Mounting**

[4.3-10 Male](#)   [Straight](#)   [Free Hanging](#)

[4.3-10 Female](#)   [Straight](#)   [Free Hanging](#)

### **RSJ4-50**

Min. Frequency

0 GHz

Impedance

50  $\Omega$

Min. Bend Radius Static

31.75 mm

Min. Bend Radius Dynamic

31.75 mm

Max. Frequency

10.2 GHz

Colour

Black

Weight (g/m)

150 g

Cable Layers

Layer	Diameter	Materials
Inner Conductor	3.59 mm	<a href="#">Copper Clad Aluminium (CCA)</a>
Dielectric	9.42 mm	<a href="#">Foamed Polyethylene (EPE)</a>
Outer Conductor	11.99 mm	<a href="#">Corrugated Copper Tube</a>
Outer Jacket	13.41 mm	<a href="#">Polyethylene (PE)</a>

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