

# CommScope L4HM-D 4.3-10 Male for 1/2 in AL4RPV-50, LDF4-50A, HL4RPV-50 cable

SKU: ACC-CS-00014

MPN: L4HM-D

## Description

The CommScope L4HM-D is a 4.3-10 Male connector for 1/2 inch corrugated coaxial cables, including CommScope AL4RPV-50, LDF4-50A, HL4RPV-50 cable types.

CommScope's 4.3-10 RF connectors are designed for quick and easy field installation, with minimal preparation tools required. L4HM-D is a captive contact connector for high performance solder-free installation.

This model connector is IP68 when mated with a compatible 4.3-10 Female connector.

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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 Connector Interface

<b>RF Interface</b>	<b>Body Shape</b>	<b>Mounting</b>
4.3-10 Male	Straight	Free Hanging

## RF Specification

Start Frequency:	0 GHz	Input Impedance:	50
Stop Frequency:	8.8 GHz	Inner Contact Resistance:	≤ 1 mΩ
Peak Power:	22.5 kW	Insulation Resistance:	≥ 5000 mΩ
PIM, 3rd Order:	≤ -116 dBc	Outer Contact Resistance:	≤ 1 mΩ
		RF Operating Voltage:	≤ 884 Vrms

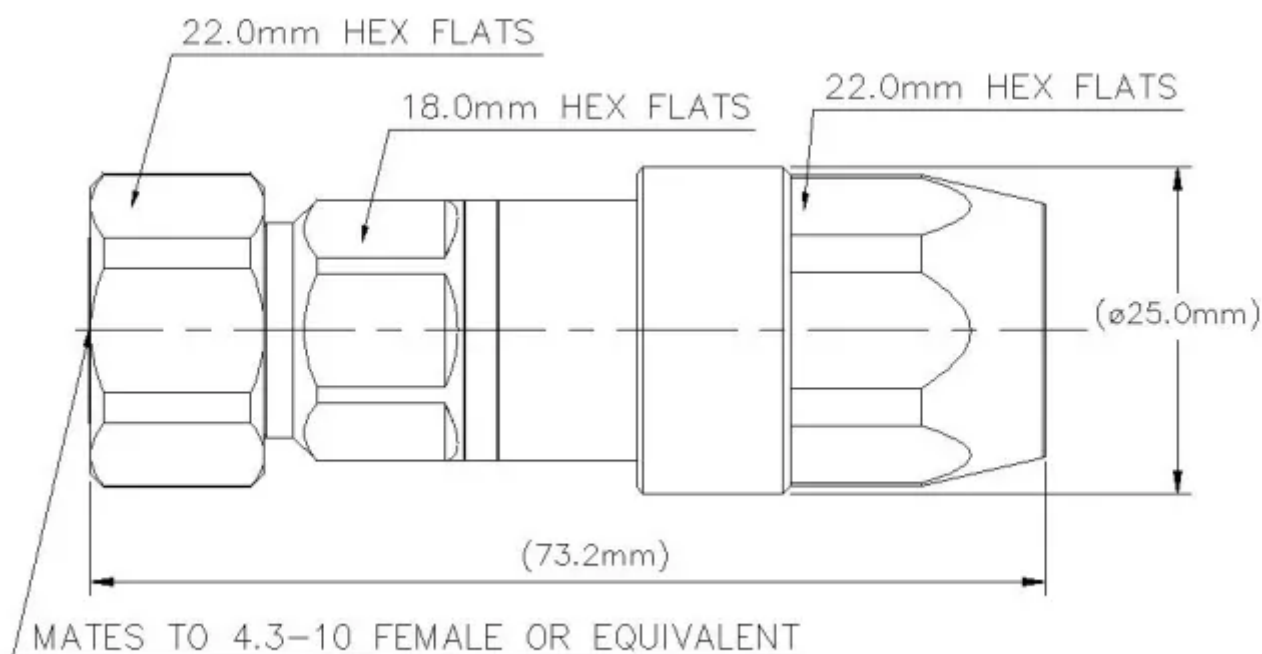
### VSWR Measurement

Frequency	VSWR	Return Loss
1000 MHz	≤ 1.02:1	≤ 40 dB
2700 MHz	≤ 1.03:1	≤ 38 dB
3800 MHz	≤ 1.07:1	≤ 30 dB
6000 MHz	≤ 1.11:1	≤ 26 dB

## Physical Specification

Cable Group:	1/2 Corrugated	Conductor Attachment:	Cable, Captivated
Body Material:	Brass	Contact Material:	Brass
Body Plating:	White Bronze	Contact Plating:	Silver
Insulator Material:	PTFE / Teflon	Min. Operating Temperature:	-55 °C
Dimensions:	73.15 × 24.89 × 24.89	Max. Operating Temperature:	85 °C
Weight:	122.9 g	Ingress Protection:	IP68
Compliance/Certifications:	ISO 9001 Quality Management	Mating Cycles:	> 100
RoHS			
Mechanical Compliance:	IEC 60068-2-27: Mechanical Shock		
	IEC 60068-2-6: Vibration		

## Drawing



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