

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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RF Connector Interface

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

RF Specification

Start Frequency:	0 GHz	Input Impedance:	50
Stop Frequency:	8.8 GHz	Inner Contact Resistance:	$\leq 1 \text{ m}\Omega$
Peak Power:	22.5 kW	Insulation Resistance:	$\geq 5000 \text{ m}\Omega$
PIM, 3rd Order:	$\leq -116 \text{ dBc}$	Outer Contact Resistance:	$\leq 1 \text{ m}\Omega$
		RF Operating Voltage:	$\leq 884 \text{ Vrms}$

VSWR Measurement

Frequency	VSWR	Return Loss
1000 MHz	$\leq 1.02:1$	$\leq 40 \text{ dB}$
2700 MHz	$\leq 1.03:1$	$\leq 38 \text{ dB}$
3800 MHz	$\leq 1.07:1$	$\leq 30 \text{ dB}$
6000 MHz	$\leq 1.11:1$	$\leq 26 \text{ dB}$

Physical Specification

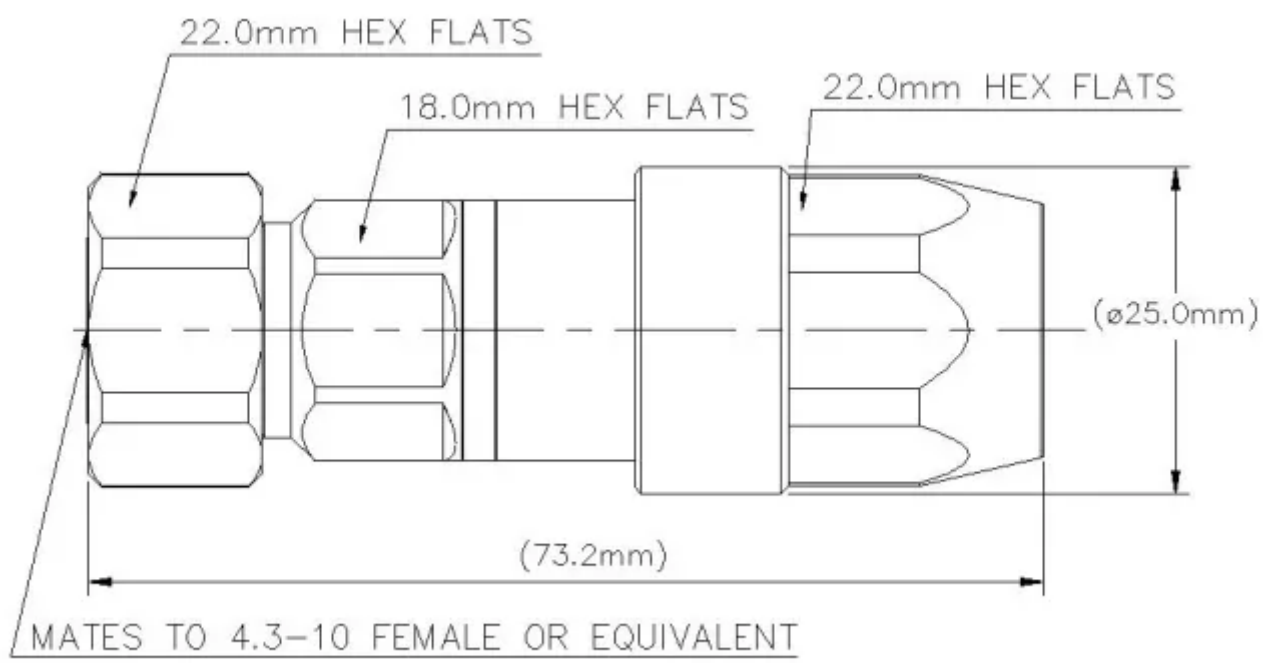
Cable Group:	1/2 Corrugated	Conductor Attachment:	Cable, Captivated
Body Material:	Brass	Contact Material:	Brass
Body Plating:	White Bronze	Contact Plating:	Silver
Insulator Material:	PTFE / Teflon	Min. Operating Temperature:	-55 °C
Dimensions:	73.15 × 24.89 × 24.89	Max. Operating Temperature:	85 °C
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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