Powertec Wireless Technology
ABN: 42 082 948 463
PO Box 1034, Ashmore City
Queensland, Australia, 4214
sales@powertec.com.au
1300 769 378

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.

Read More



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

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

RF Specification

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

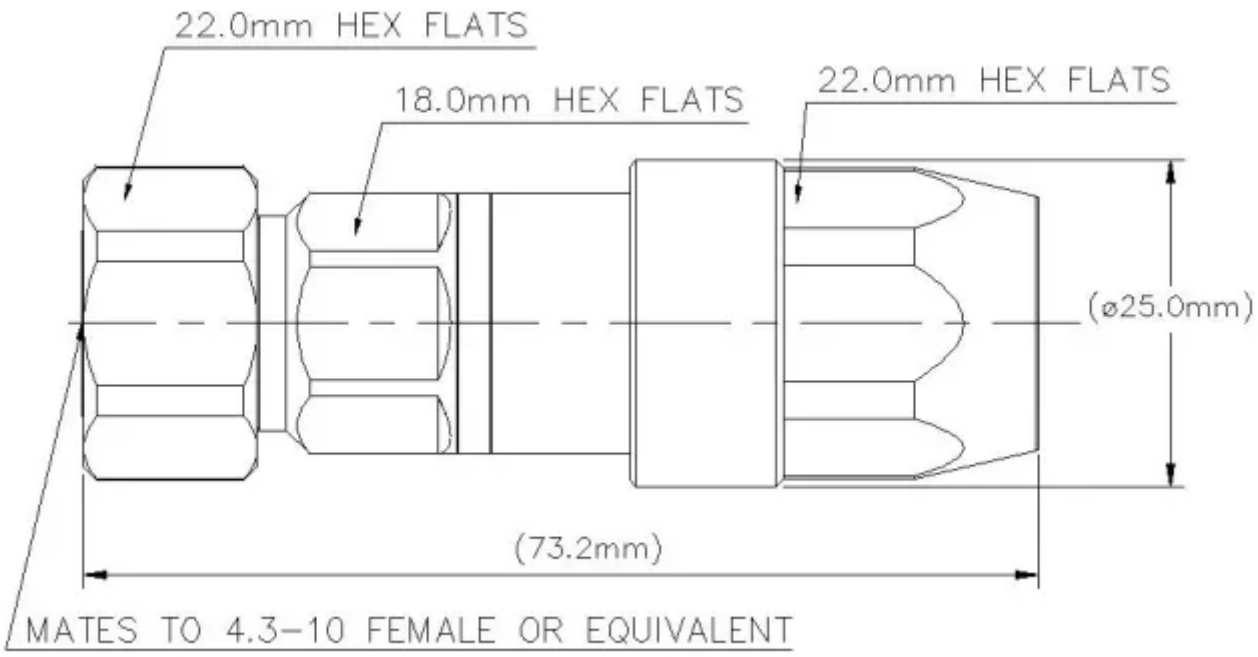
≤ 1 mΩ
RF Operating Voltage
≤ 884 Vrms
VSWR Measurement

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

Max. Operating Temperature
85 °C
Ingress Protection
IP68
Mating Cycles
> 100
Drawing



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