

Page



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 m Ω

Insulation Resistance

$\geq 5000 \text{ m}\Omega$

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](#)

Body Material

[Brass](#)

Body Plating

[White Bronze](#)

Insulator Material

[PTFE / Teflon](#)

Dimensions

$73.15 \times 24.89 \times 24.89$

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

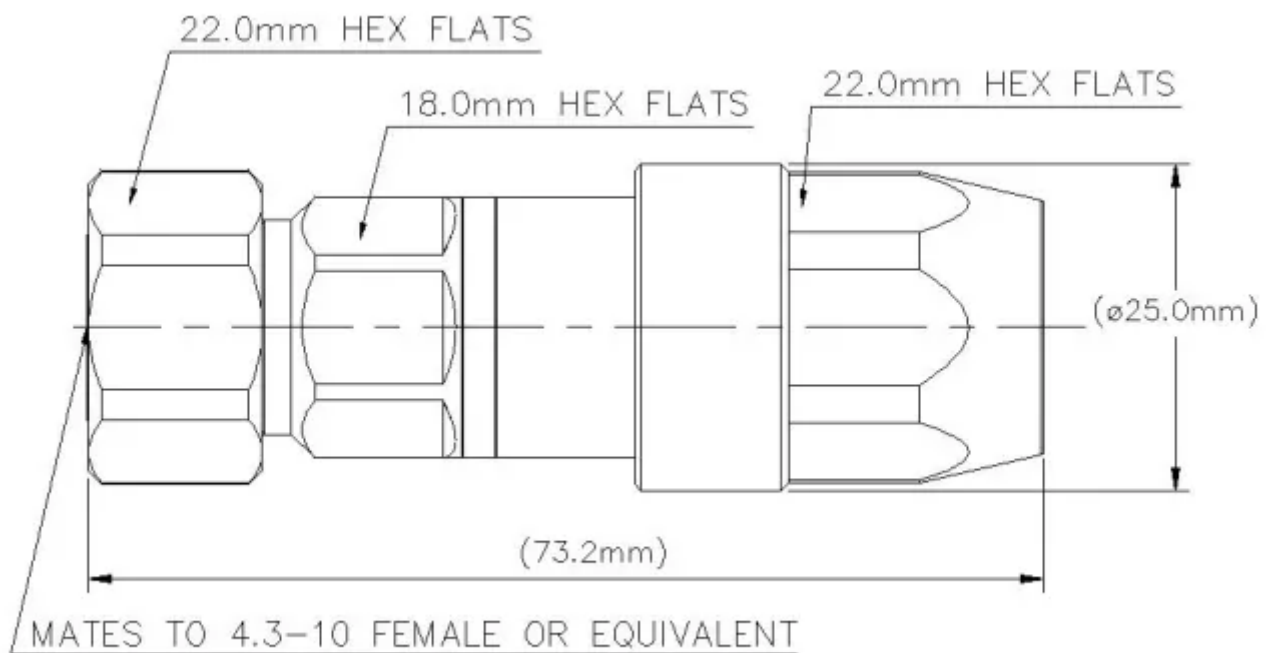
Ingress Protection

[IP68](#)

Mating Cycles

> 100

Drawing



Disclaimer: Although care has been taken to ensure the accuracy, completeness and reliability of the information provided, Powertec assumes no responsibility therefore. The user of the information agrees that the information is subject to change without notice. Powertec assumes no responsibility for the consequences of use of such information, nor for any infringement of third party intellectual property rights which may result from its use. IN NO EVENT SHALL POWERTEC BE LIABLE FOR ANY DIRECT, INDIRECT, SPECIAL, OR INCIDENTAL DAMAGE RESULTING FROM, ARISING OUT OF OR IN CONNECTION WITH THE USE OF THE INFORMATION.

