

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



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 ...

| | | | |
|------------------|------------|---------------------------|------------|
| 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

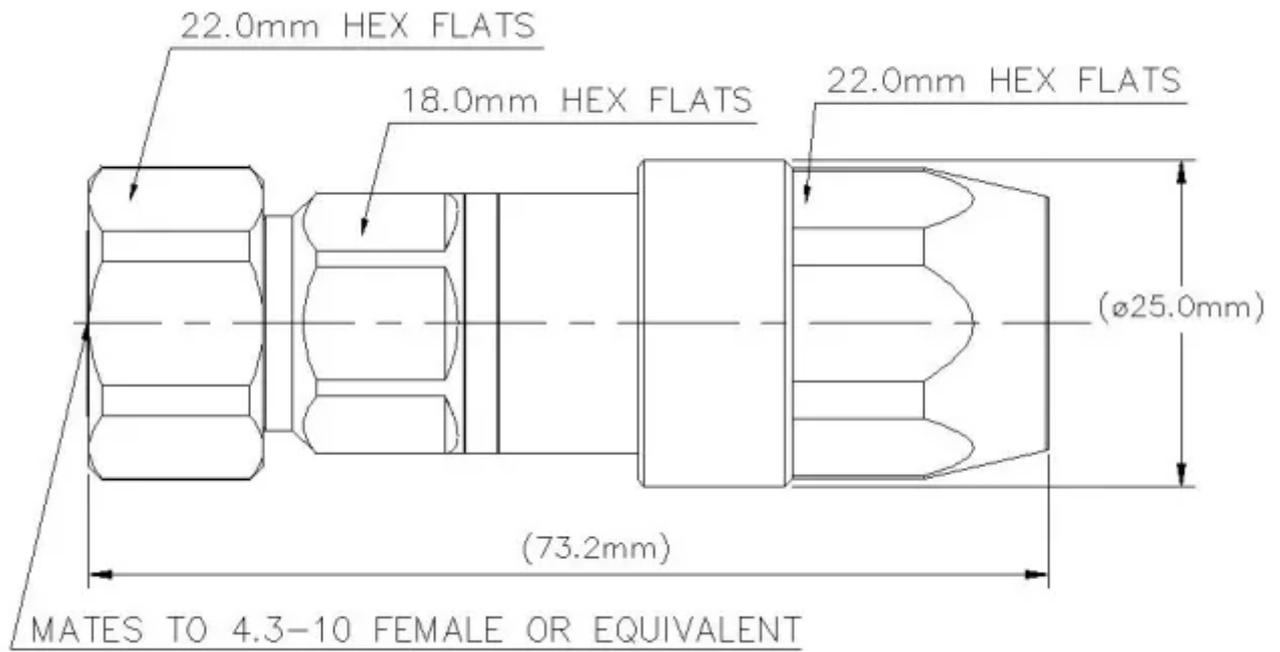
| | | | |
|----------------------------|-----------------------------|-----------------------------|-------------------|
| Cable Group: | 1/2 Corrugated | Conductor Attachment: | Cable, Captivated |
| Body Material: | Brass | Contact Material: | Brass |
| Body Plating: | White Bronze | Contact Plating: | 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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