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

# 4.3-10 Male Connector for L-400 Coaxial Cable

SKU
IBC-PT-00019
MPN
431-C-L40
Barcode
9337692002342

**Description**

4.3-10 RF connectors are designed to meet the demands of 4G and 5G technologies, supporting very high order modulation schemes like 256QAM, wide aggregated bandwidths, and extended operating bands up to 6 GHz.

This crimp-style 4.3-10 Male connector terminates L-400 series cables, such as LMR-400 and PTL-400. In addition to 4G and 5G antenna types, 4.3-10 connectors are becoming popular on a range of high performance wireless systems.

This model of 4.3-10 connector is weatherproof when mated with an IP65 female connector.

Read More

The 4.3-10 Male Connector for L-400 Coaxial Cable is an advanced RF connector specifically engineered for modern wireless communication systems, including 4G and 5G networks. This connector is integral in supporting high-order modulation schemes like 256QAM and accommodates wide aggregated bandwidths, operating efficiently across extended frequency bands up to 6 GHz. Designed to terminate L-400 series cables, such as LMR-400 and PTL-400, it ensures reliable connectivity for high-performance wireless systems.

Its robust construction features a brass body with white bronze plating and silver-plated inner contacts, providing excellent conductivity and durability. The PTFE/Teflon insulator further enhances its electrical performance. Notably, the connector is weatherproof when paired with an IP65-rated female connector, making it suitable for outdoor applications. It is designed to withstand over 500 mating cycles and operates within a...

Read More



**Powertec**

Powertec is a wireless technology manufacturer and systems integrator based in Australia. Operating since 1995, Powertec has grown to become the leading wireless technology distributor in its region, and a leading Infratech systems developer. Supporting over 1500 partners the company provides procurement, design, project management, and support services across Australia, New Zealand, Pacific ...

RF Connector Interface

| RF Interface | Body Shape | Mounting |
| --- | --- | --- |

4.3-10 Male Straight Free Hanging

## RF Specification

Start Frequency
0 GHz
Stop Frequency
6 GHz
Input Impedance
50 Ω
Inner Contact Resistance
≤ 1.5 mΩ
Insulation Resistance
≥ 5000 mΩ
Outer Contact Resistance
≤ 0.4 mΩ
RF Operating Voltage
≤ 1000 Vrms
VSWR Measurement

| Frequency | VSWR | Insertion Loss |
|---|---|---|
| 6000 MHz | ≤ 1.2:1 | 0.1 dB |

## Physical Specification

Cable Group
L-400
Body Material
Brass
Body Plating
White Bronze
Insulator Material
PTFE / Teflon
Dimensions
29.7 × 34 × 34
Weight
80 g
Compliance/Certifications
ISO 9001 Quality Management
,
RoHS

Conductor Attachment

Cable, Crimp

Contact Material

Brass

Contact Plating

Silver

Min. Operating Temperature

-40 °C

Max. Operating Temperature

85 °C

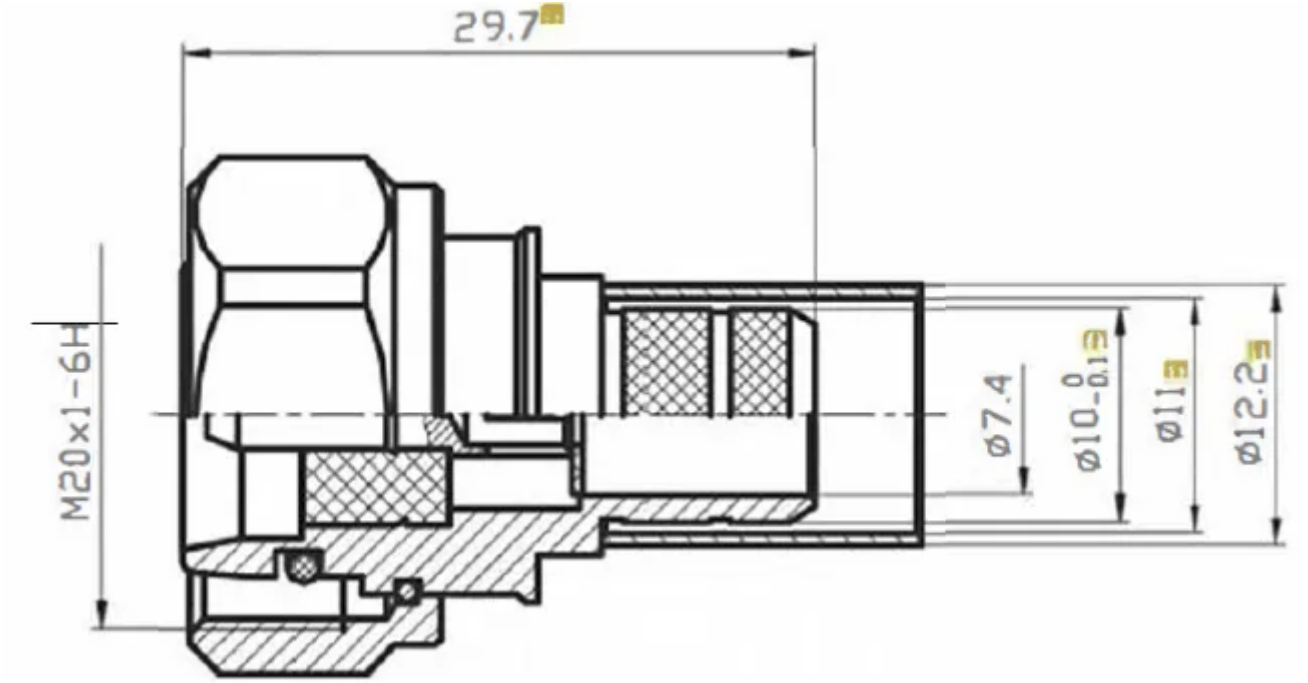
Ingress Protection

IP67

Mating Cycles

> 500

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.

