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SMA Male Connector for L-400 Coaxial Cable

SKU
ACC-PT-00175
MPN
SA1-C-L40
Barcode
9337692002434

Description

SMA connectors are a mainstay of low frequency wireless technologies, courtesy of their compact size and modest durability. This SMA Male connector is designed for a standard crimp and solder attachment to LMR-400 and equivalent series braided coaxial cables.

Installation is very simple. After preparing the cable, the pin is soldered onto the centre conductor and outer body pushed over the top until the pin sits flush. A standard 10.89 mm (.429") hex die is used to crimp the ferrule.

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This is a specifically sourced 6 GHz SMA Male connector to ensure compatibility with 5G technologies.



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
SMA Male	Straight	Free Hanging

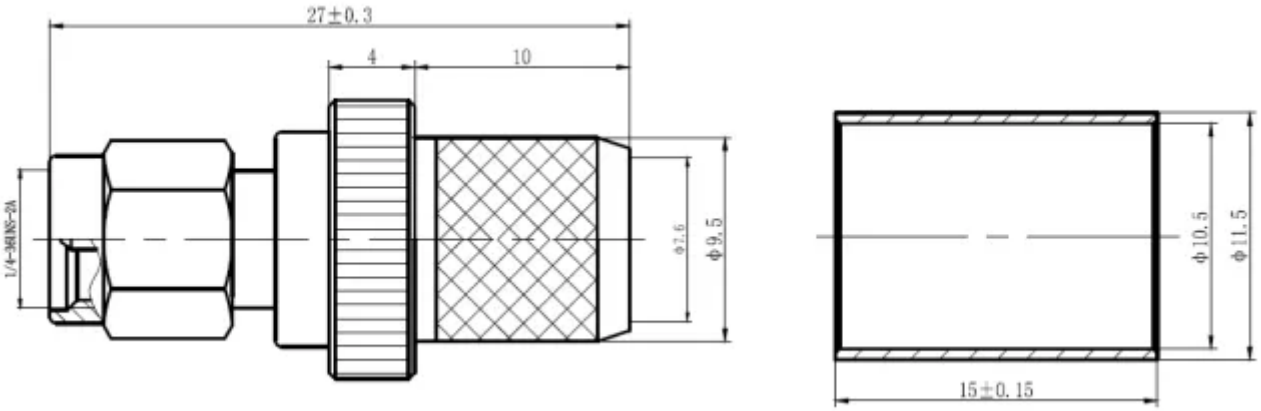
RF Specification

Start Frequency
0 GHz
Stop Frequency
6 GHz
Input Impedance
50 Ω
Inner Contact Resistance
≤ 1 mΩ
Insulation Resistance
≥ 5000 mΩ
Outer Contact Resistance
≤ 1 mΩ
RF Operating Voltage
≤ 500 Vrms
VSWR Measurement

Frequency	VSWR	Insertion Loss
6000 MHz	≤ 1.25:1	0.05 dB

Physical Specification

Cable Group
L-240
Body Material
Brass
Body Plating
Nickel
Insulator Material
PTFE / Teflon
Dimensions
27 × 12 × 12
Weight
11.65 g
Compliance/Certifications
ISO 9001 Quality Management
,
RoHS
Mechanical Compliance
IEC 60068-2-27: Mechanical Shock
,
IEC 60068-2-6: Vibration
Conductor Attachment
Cable, Crimp
Contact Material
Beryllium Copper
Contact Plating
Gold
Min. Operating Temperature
-40 °C
Max. Operating Temperature
85 °C
Mating Cycles
> 500
Drawing



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