

# 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

<b>RF Interface</b>	<b>Body Shape</b>	<b>Mounting</b>
SMA Male	Straight	Free Hanging

## RF Specification

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

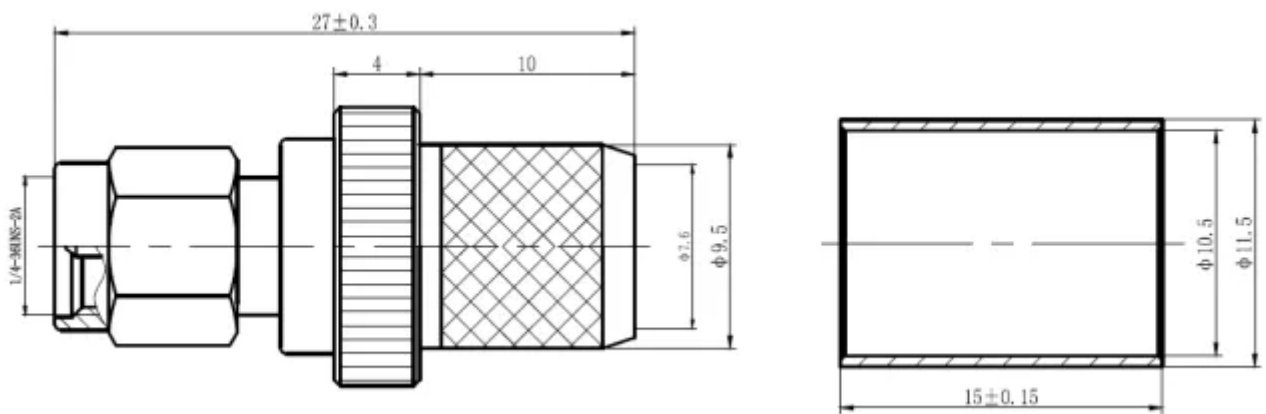
### VSWR Measurement

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

## Physical Specification

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

Drawing



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