

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.

[Read More](#)

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



RF Connector Interface

| RF Interface | Body Shape | Mounting |
|--------------|------------|--------------|
| SMA Male | Straight | Free Hanging |

RF Specification

| | | | |
|------------------|-------|---------------------------|-----------------------------|
| Start Frequency: | 0 GHz | Input Impedance: | 50 |
| Stop Frequency: | 6 GHz | Inner Contact Resistance: | $\leq 1 \text{ m}\Omega$ |
| | | Insulation Resistance: | $\geq 5000 \text{ m}\Omega$ |
| | | Outer Contact Resistance: | $\leq 1 \text{ m}\Omega$ |
| | | RF Operating Voltage: | $\leq 500 \text{ Vrms}$ |

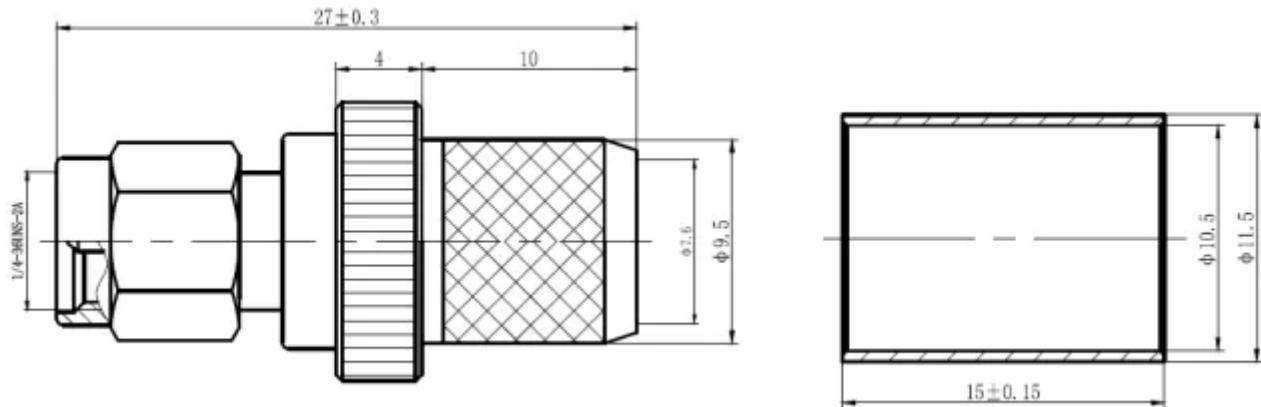
VSWR Measurement

| Frequency | VSWR | Insertion Loss |
|-----------|---------------|----------------|
| 6000 MHz | $\leq 1.25:1$ | 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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