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## **SMA Male Connector for L-240 Cable, Right Angle**

SKU  
ACC-PT-00395  
MPN  
SA1-C-L24.RA  
Barcode  
9337692004933

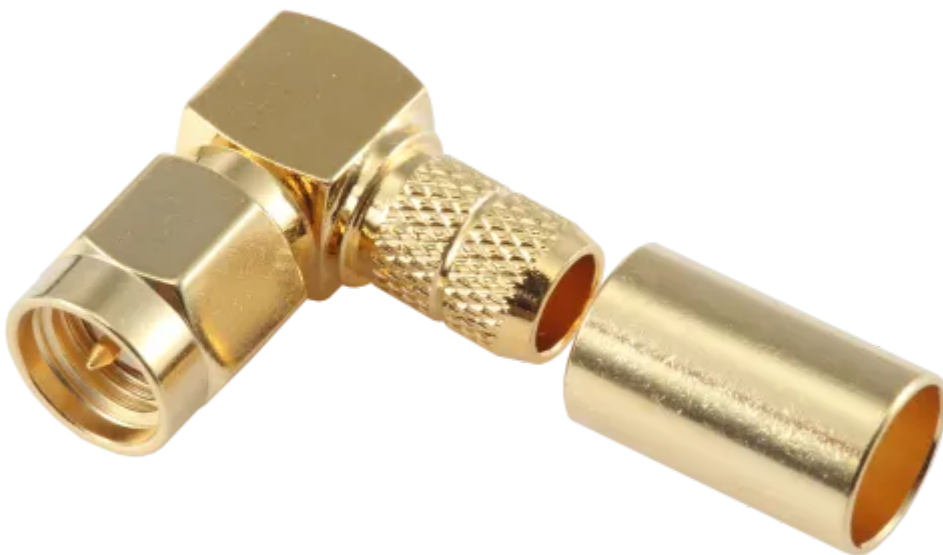
## Description

SMA connectors have become the mainstay of low frequency wireless technologies.

This Right Angle SMA Male connector is designed for a standard crimp and solder attachment to LMR-240 series coaxial cables. This model has been designed for extended operation to 6 GHz.

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 6.48 mm (.255") hex die is used to crimp the ferrule.

Right angle connectors are popular for applications where installation space is in short supply. This connector type is commonly used inside communications boxes and cabinets, and for passive components mounted on backing boards.





## **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](#)    [Right Angle](#)    [Free Hanging](#)

## **RF Specification**

Start Frequency

0 GHz

Stop Frequency

6 GHz

Input Impedance

50  $\Omega$

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

$\leq 260$  Vrms

VSWR Measurement

**Frequency VSWR**

6000 MHz  $\leq 1.5:1$

## Physical Specification

Cable Group

[L-240](#)

Body Material

[Brass](#)

Body Plating

[Gold](#)

Insulator Material

[PTFE / Teflon](#)

Dimensions

16.7 × 13.6 × 8

Weight

7.4 g

Compliance/Certifications

[ISO 9001 Quality Management](#)

,

[RoHS](#)

Conductor Attachment

[Cable, Crimp](#)

Contact Material

[Brass](#)

Contact Plating

[Gold](#)

Min. Operating Temperature

-55 °C

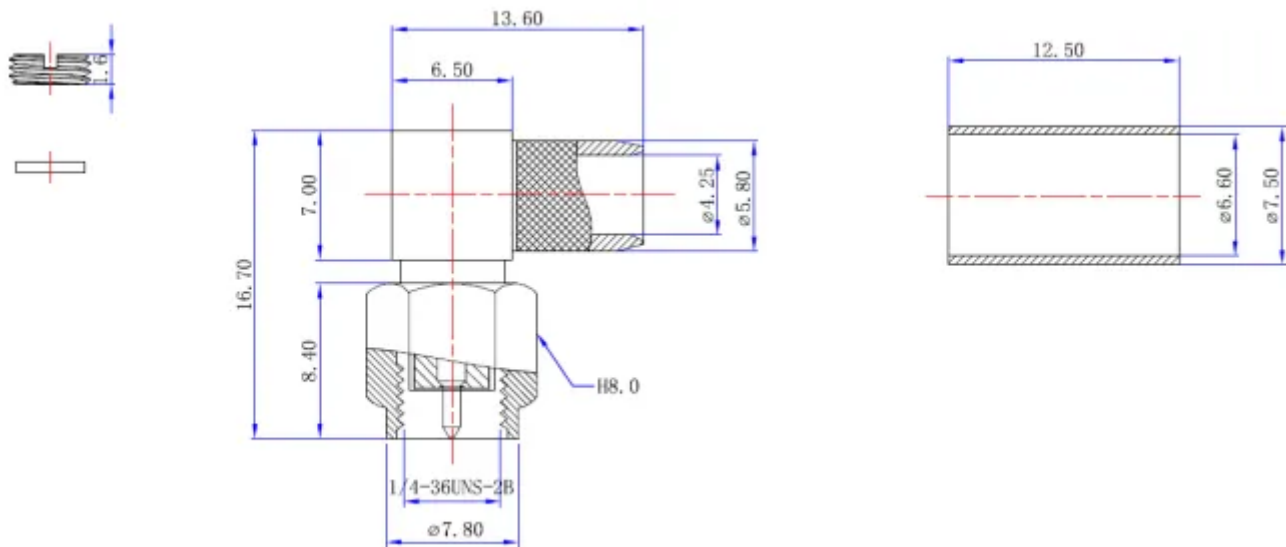
Max. Operating Temperature

155 °C

Mating Cycles

> 500

Drawing



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