



# RA SMA Male Connector Crimp/Solder Attachment for LMR-240 Cable

## **Times Microwave Systems Connector Specification**

RA SMA Male Standard Connector Crimp/Solder Attachment for LMR-240 and PE-C240 Cable, part number TC-240-SM-RA-SS-D, from Fairview Microwave is instock and ships same day. This SMA male connector operates up to a maximum frequency of 6 GHz and offers good VSWR of 1.3:1. Its right angle body geometry facilitates connections in tight spaces.

Fairview's RA SMA male connector TC-240-SM-RA-SS-D datasheet specifications and outline drawing are shown in this PDF below. Our extensive offering of RF, microwave and millimeter wave connectors allows designers to configure and customize their signal connections however they like. From providing an I/O for a board design to creating a custom cable assembly configuration, Fairview Microwave has a connector solution to meet your needs. Fairview Microwave also has the expertise to build your custom cable assemblies for you and ship them same-day.

### **Electrical Specifications**

Description	Min	Тур	Max	Units
Frequency Range	DC		6	GHz
VSWR			1.3:1	
Insertion Loss			0.25	dB
Operating Voltage (AC)			500	Vrms
DWV (AC)			1,000	Vrms
Insulation Resistance	5,000			MOhms



## **Configuration:**

- SMA Male Connector
- 50 Ohms
- Right Angle Body Geometry
- LMR-240, PE-C240 Interface Type
- Crimp/Solder Attachment

#### **Features:**

- Operating Frequency of 6 GHz Max.
- Good VSWR of 1.3:1
- Gold Plated Brass Contact
- 50 µin contact plating

## **Applications:**

- General Purpose Test
- Custom Cable Assemblies

#### **Mechanical Specifications**

#### Size

 Length
 0.555 in [14.1 mm]

 Width/Dia.
 0.312 in [7.92 mm]

 Height
 0.054 in [1.37 mm]

 Weight
 0.018 lbs [8.16 g]

Mating Cycles 500 Cycles

Mating Torque 7 to 10 in-lbs [0.79 to 1.13 Nm]

Cable Retention Force 60 lbs [27.22 kg]

#### **Material Specifications**

Description	Material	Plating		
Contact	Brass	Gold 50 µin		
Insulation	PTFE			
Body	Passivated Stainless Steel			
Coupling Nut	Passivated Stainless Steel			

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## **Environmental Specifications**

Temperature

Operating Range -40 to 125 deg C
Shock MIL-STD 202G, Meth. 213, Cond. I
Vibration MIL-STD 202G, Meth. 204, Cond. D
Thermal Shock MIL-STD 202G, Meth. 107, Cond. B

**Compliance Certifications** (see product page for current document)

#### **Plotted and Other Data**

Notes:

RA SMA Male Connector Crimp/Solder Attachment for LMR-240 Cable from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Lewisville, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: RA SMA Male Connector Crimp/Solder Attachment for LMR-240 Cable TC-240-SM-RA-SS-D

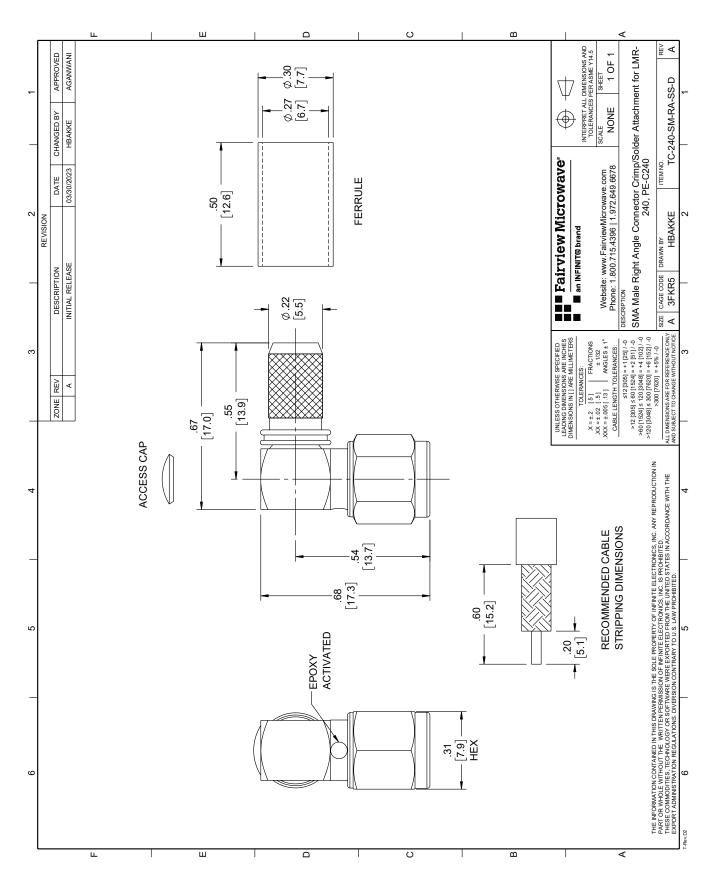
URL: https://www.fairviewmicrowave.com/sma-male-lmr-240-connector-tc-240-sm-ra-ss-d-p.aspx

The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. Fairview Microwave reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Fairview Microwave does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Fairview Microwave does not assume any liability arising out of the use of any part or documentation.

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