

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 in-stock 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	Typ	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

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	



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

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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>

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