

RA TNC Male (Plug) Connector Clamp/Solder Attachment for RG55, RG58, RG142, RG223, RG400, LMR-195, LMR-195-FR, LMR-195-UF Cable



FMCN5263

Configuration

- TNC Male Connector
- MIL-STD-348A
- 50 Ohms
- Right Angle Body Geometry
- Connector Interface Types: RG55, RG58, RG142, RG223, RG400, LMR-195, LMR-195-FR, LMR-195-UF

Features

- Operating Frequency of 11 GHz Max.
- Gold Plated Brass Contact
- 30 µin minimum contact plating

Applications

- General Purpose Test
- Custom Cable Assemblies

Description

RA TNC Male Standard Connector Clamp/Solder Attachment for RG55, RG58, RG142, RG223, RG400, LMR-195, LMR-195-FR and LMR-195-UF Cable, part number FMCN5263, from Fairview Microwave is in-stock and ships same day. This TNC male connector operates up to a maximum frequency of 11 GHz. Its right angle body geometry facilitates connections in tight spaces.

Fairview's RA TNC male connector FMCN5263 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	Minimum	Typical	Maximum	Units
Frequency Range	DC		11	GHz
Operating Voltage (AC)			500	Vrms
Impedance		50		Ohms

Performance by Frequency

Description	F1	F2	F3	F4	F5	Units
Frequency Range	DC to 4					GHz
VSWR, Max	1.5:1					

Mechanical Specifications

Size

Length	1.6 in [40.64 mm]
Width	0.571 in [14.5 mm]
Height	1.145 in [29.08 mm]
Weight	0.088 lbs [39.92 g]

RA TNC Male (Plug) Connector Clamp/Solder Attachment for RG55, RG58, RG142, RG223, RG400, LMR-195, LMR-195-FR, LMR-195-UF Cable



FMCN5263

Material Specifications

Description	Material	Plating
Contact	Brass	Gold 30 µin minimum
Insulation	PTFE	
Body	Brass	Nickel 100 µin minimum
Coupling Nut	Brass	Nickel 100 µin minimum

Environmental Specifications

Temperature
Operating Range -65 to +165 deg C

Compliance Certifications (see [product page](#) for current document)

Plotted and Other Data

Notes:

RA TNC Male (Plug) Connector Clamp/Solder Attachment for RG55, RG58, RG142, RG223, RG400, LMR-195, LMR-195-FR, LMR-195-UF 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 TNC Male \(Plug\) Connector Clamp/Solder Attachment for RG55, RG58, RG142, RG223, RG400, LMR-195, LMR-195-FR, LMR-195-UF Cable FMCN5263](#)

URL: <https://www.fairviewmicrowave.com/tnc-male-rg55-rg58-rg142-rg223-rg400-lmr-195-lmr-195-fr-lmr-195-uf-connector-fmcn5263-p.aspx>

The information contained within 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 liability arising out of the use of any part or document.

FMCN5263 CAD Drawing

RA TNC Male (Plug) Connector Clamp/Solder Attachment for RG55, RG58, RG142, RG223, RG400, LMR-195, LMR-195-FR, LMR-195-UF Cable

