

## RA TNC Male Connector Crimp/Solder Attachment For RG55, RG142, RG223, RG400 Cable

RA TNC male connector with crimp/solder attachment for RG55, RG142, RG223 and RG400, part number SC4264, from Fairview Microwave is in-stock and ships same day. This TNC male connector operates up to a maximum frequency of 3 GHz and offers good VSWR of 1.3:1. Its right angle body geometry facilitates connections in tight spaces.

Fairview's RA TNC male connector SC4264 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		3	GHz
VSWR			1.3:1	
Operating Voltage (DC)			500	Vdc

### Mechanical Specifications

Size	
Length	1.142 in [29.01 mm]
Width/Dia.	0.57 in [14.48 mm]
Height	1.35 in [34.29 mm]
Weight	0.063 lbs [28.58 g]

### Material Specifications

Description	Material	Plating
Contact	Brass	Gold 30 μ minimum
Insulation	PTFE	
Outer Conductor	Brass	Nickel
Body	Brass	Nickel 100 μ minimum
Coupling Nut	Brass	Nickel 100 μ minimum



### Configuration:

- TNC Male Connector
- MIL-STD-348A
- 50 Ohms
- Right Angle Body Geometry
- RG55, RG142, RG223, RG400 Interface Type
- Crimp/Solder Attachment

### Features:

- Operating Frequency of 3 GHz Max.
- Good VSWR of 1.3:1
- Gold Plated Brass Contact
- 30 μ minimum contact plating

### Applications:

- General Purpose Test
- Custom Cable Assemblies

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**Environmental Specifications**

**Temperature**

Operating Range -65 to +165 deg C

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

**Plotted and Other Data**

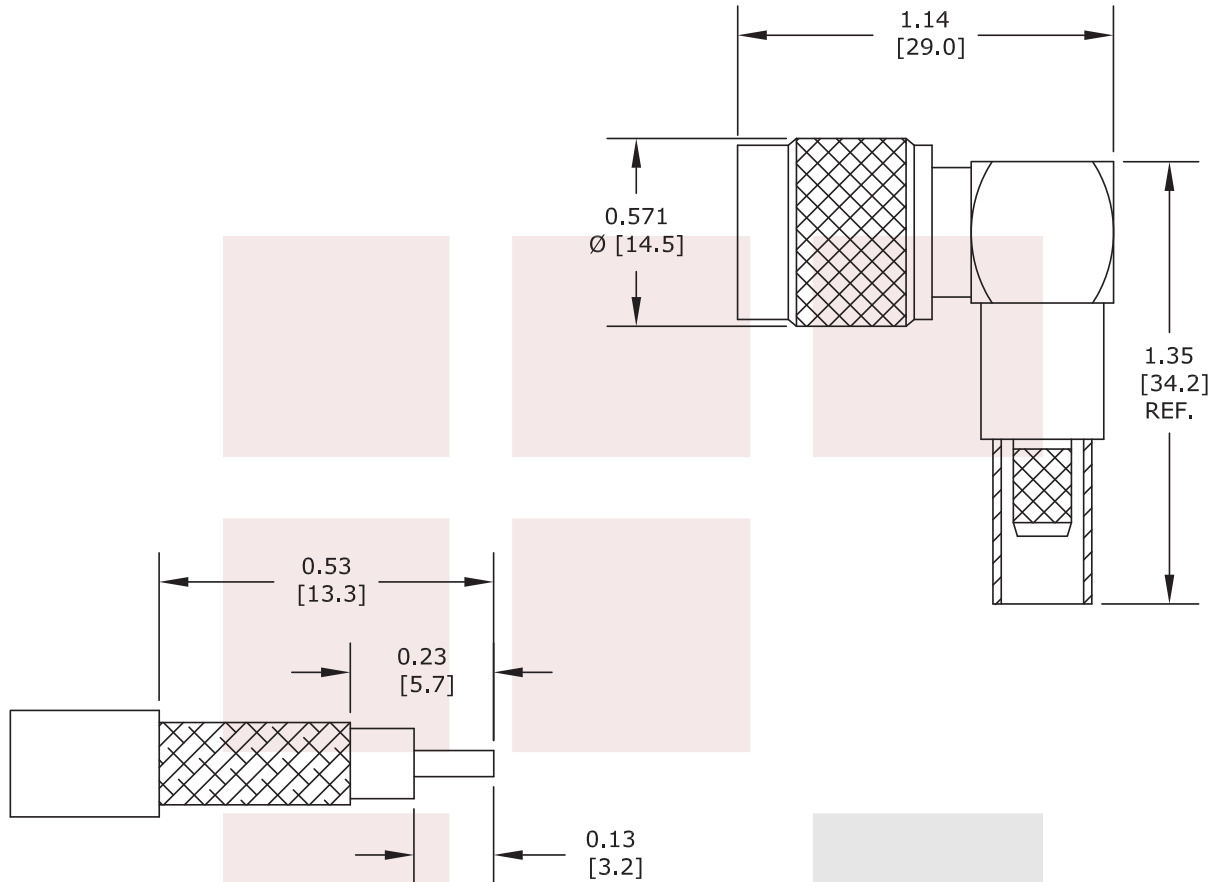
Notes:

RA TNC Male Connector Crimp/Solder Attachment For RG55, RG142, RG223, RG400 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 Allen, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [RA TNC Male Connector Crimp/Solder Attachment For RG55, RG142, RG223, RG400 Cable SC4264](#)

URL: <https://www.fairviewmicrowave.com/tnc-male-standard-rg55-rg142-rg223-rg400-connector-sc4264-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.



**STRIPPING DIMENSIONS**

**ASSEMBLY PROCEDURES**

1. STRIP CABLE AS SHOWN. SLIDE FERRULE OVER CABLE & CRIMP CONTACT TO CENTER CONDUCTOR.
2. INSTALL CABLE INTO BODY. PUSH CABLE FORWARD UNTIL CONTACT IS IN THE CORRECT POSITION.
3. SLIDE FERRULE OVER BRAID & CRIMP.

**CRIMP SIZE REQUIRED**

CONTACT: .068" HEX CRIMP TOOL  
 FERRULE: .213" HEX CRIMP TOOL

STANDARD TOLERANCES	
.X	±0.2
.XX	±0.1
.XXX	±0.05

\*STANDARD TOLERANCES APPLY ONLY TO DIMENSIONS IN INCHES

<b>FAIRVIEW MICROWAVE INC.</b> ALLEN, TX 75013 WWW.FAIRVIEWMICROWAVE.COM		NOTES: 1. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE NOMINAL. 2. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME. 3. DIMENSIONS ARE IN INCHES [mm].			
TITLE RA TNC Male Connector Crimp/Solder Attachment For RG55, RG142, RG223, RG400 Cable		DWG NO SC4264		CAGE CODE 3FKR5	
CAD FILE	020617	SHEET	SCALE	N/A	SIZE A 2233