

TNC Female (Jack) Bulkhead Connector For RG316, RG174, RG188 Cable IP67 Rated, Crimp/Solder



SC4254

Configuration

- TNC Female Connector
- MIL-STD-348
- 50 Ohms
- Straight Body Geometry
- Connector Interface Types: RG316, RG174, RG188
- Bulkhead
- 5/8 in Hex

Features

- Operating Frequency of 3 GHz Max.
- Excellent VSWR of 1.25:1
- Gold Plated Phosphor Bronze Contact

Applications

- General Purpose Test
- Rack and Panel Mount Applications
- Custom Cable Assemblies

Description

TNC Female Bulkhead Standard Bulkhead Connector Crimp/Solder Attachment for RG316, RG174 and RG188 Cable, part number SC4254, from Fairview Microwave is in-stock and ships same day. This TNC female connector operates up to a maximum frequency of 3 GHz and offers excellent VSWR of 1.25:1. Fairview's SC4254 bulkhead TNC connector enables designers to make external connections on product enclosures, and can be used in a variety of other rack mount and panel mount applications.

Fairview's TNC female bulkhead connector SC4254 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		3	GHz
VSWR			1.25:1	
Impedance		50		Ohms

Mechanical Specifications

Size

Length	1.36 in [34.54 mm]
Width	0.68 in [17.27 mm]
Weight	0.0455 lbs [20.64 g]

Material Specifications

Description	Material	Plating
Contact	Phosphor Bronze	Gold
Insulation	PTFE	
Outer Conductor	Brass	Nickel
Body	Brass	Nickel

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Environmental Specifications

Temperature

Operating Range

-40 to +85 deg C

Humidity

IP67 Unmated

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

Plotted and Other Data

Notes:

TNC Female (Jack) Bulkhead Connector For RG316, RG174, RG188 Cable IP67 Rated, Crimp/Solder 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: [TNC Female \(Jack\) Bulkhead Connector For RG316, RG174, RG188 Cable IP67 Rated, Crimp/Solder SC4254](#)

URL: <https://www.fairviewmicrowave.com/tnc-female-standard-rg316-u-rg174a-u-rg188-connector-sc4254-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.

