

## TNC Female Bulkhead Mount Connector Crimp/Solder Attachment for RG55, RG142, RG223, RG400, .480 inch D Hole



### FMCN1761

#### Configuration

- TNC Female Connector
- MIL-STD-348A
- 50 Ohms
- Straight Body Geometry
- Connector Interface Types: RG55, RG142, RG223, RG400
- Bulkhead

#### Features

- Operating Frequency of 4 GHz Max.
- Good VSWR of 1.5:1
- Gold Plated Brass Contact
- 30 µin minimum contact plating

#### Applications

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

#### Description

TNC Female Bulkhead Mount Connector Crimp/Solder Attachment for RG55, RG142, RG223 and RG400 Cable, part number FMCN1761, from Fairview Microwave is in-stock and ships same day. This TNC female connector operates up to a maximum frequency of 4 GHz and offers good VSWR of 1.5:1. Fairview's FMCN1761 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 FMCN1761 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		4	GHz
VSWR			1.5:1	
Operating Voltage (AC)			500	Vrms
Impedance		50		Ohms

#### Mechanical Specifications

##### Size

Length	1.43 in [36.32 mm]
Width	0.709 in [18.01 mm]
Height	0.709 in [18.01 mm]
Weight	0.041 lbs [18.6 g]

TNC Female Bulkhead Mount Connector  
Crimp/Solder Attachment for RG55, RG142,  
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**FMCN1761**

**Material Specifications**

Description	Material	Plating
Contact	Brass	Gold 30 µin minimum
Insulation	PTFE	
Body	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:

TNC Female Bulkhead Mount Connector Crimp/Solder Attachment for RG55, RG142, RG223, RG400, .480 inch D Hole 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 Bulkhead Mount Connector Crimp/Solder Attachment for RG55, RG142, RG223, RG400, .480 inch D Hole FMCN1761](#)

URL: <https://www.fairviewmicrowave.com/product/rf-connectors/tnc-female-rg55-rg142-rg223-rg400-connector-fmcn1761.html>

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.

FMCN1761 CAD Drawing

TNC Female Bulkhead Mount Connector Crimp/Solder Attachment for  
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