

## TNC Female Bulkhead Connector Solder Attachment For RG405, RG405 Tinned, .086 SR Cable IP67 Unmated

TNC female bulkhead connector with solder/solder attachment for RG405, RG405 Tinned and .086 SR, part number SC4253, from Fairview Microwave is in-stock and ships same day. This TNC female connector operates up to a maximum frequency of 6 GHz and offers excellent VSWR of 1.25:1. Fairview's SC4253 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. Our SC4253 connector has an IP67 rating to protect against dust and temporary moisture protection under immersion conditions.

Fairview's TNC female bulkhead connector SC4253 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			1.25:1	

### Mechanical Specifications

Size	
Length	1.11 in [28.19 mm]
Width/Dia.	0.795 in [20.19 mm]
Weight	0.0455 lbs [20.64 g]

### Material Specifications

Description	Material	Plating
Contact	Phosphor Bronze	Gold 30 µin minimum
Insulation	PTFE	
Outer Conductor	Brass	Nickel

### Environmental Specifications

<b>Temperature</b>	
Operating Range	-40 to +85 deg C
Ingress Protection (IP) Rating	IP67 Unmated

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

### Plotted and Other Data

Notes:



### Configuration:

- TNC Female Connector
- MIL-STD-348
- 50 Ohms
- Straight Body Geometry
- RG405, RG405 Tinned, .086 SR Interface Type
- Solder/Solder Attachment
- Bulkhead
- 5/8 inch Hex

### Features:

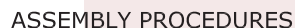
- Operating Frequency of 6 GHz Max.
- Excellent VSWR of 1.25:1
- Gold Plated Phosphor Bronze Contact
- 30 µin minimum contact plating
- IP67 Unmated

### Applications:

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

Fairview Microwave  
1130 Junction Dr. #100  
Allen, TX 75013  
Tel: 1-800-715-4396 / (972) 649-6678  
Fax: (972) 649-6689  
[www.fairviewmicrowave.com](http://www.fairviewmicrowave.com)  
[sales@fairviewmicrowave.com](mailto:sales@fairviewmicrowave.com)





1. STRIP CABLE AS SHOWN. DO NOT NICK CENTER CONDUCTOR.
2. SHIM CONTACT & SOLDER CONTACT TO CENTER CONDUCTOR.
3. INSERT CABLE INTO BODY UNTIL OUTER CONDUCTOR BOTTOMS OUT SOLDER OUTER CONDUCTOR TO BODY.

FAIRVIEW MICROWAVE INC. 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 TNC Female Bulkhead Connector Solder Attachment For RG405, RG405 Tinned, .086 SR Cable IP67 Unmated					DWG NO SC4253			CAGE CODE 3FKR5		
					CAD FILE 071514		SHEET		SCALE N/A	