

## SMA Male to TNC Female Bulkhead Cable RG-402 Coax

The SMA male to TNC female bulkhead cable using RG-402 coax, part number SCA15141, from Fairview Microwave is in-stock and ships same day. This Fairview SMA to TNC cable assembly has a male to female gender configuration with 50 ohm flexible RG-402 coax. Fairview Microwave's flexible RF cable assemblies are ideal for applications where tight bends and continual flexure are required. The SCA15141 SMA male to TNC female cable assembly operates to 11 GHz. Our RF cable assembly with TNC bulkhead interface allows designers to create external connections on their product enclosures, and can be used in a variety of other rack mount and panel mount applications.

Custom versions of most RF cable assemblies can be built and shipped same day. Custom cable assembly lengths can be obtained by specifying the desired length on the web site at time of order or by contacting a sales representative. Other RF cable assembly value added services including connector orientation or clocking, heat shrink booting and labeling are also available. RF testing can also be performed to document the electrical performance of your cable assembly.

### Electrical Specifications

| Description     | Min | Typ | Max   | Units |
|-----------------|-----|-----|-------|-------|
| Frequency Range | DC  |     | 11    | GHz   |
| VSWR            |     |     | 1.3:1 |       |

### Mechanical Specifications

#### Cable Assembly

Length\* 0 in [0 mm]

#### Cable

Cable Type RG-402  
 Impedance 50 Ohms

#### Connectors

| Description                | Connector 1                | Connector 2            |
|----------------------------|----------------------------|------------------------|
| Type                       | SMA Male                   | TNC Female             |
| Configuration              | Straight                   | Straight               |
| Mount Method               |                            | Bulkhead               |
| Impedance                  | 50 Ohms                    | 50 Ohms                |
| Contact Material & Plating | Brass, Gold                | Beryllium Copper, Gold |
| Body Material & Plating    | Passivated Stainless Steel | Brass, Ternary Alloy   |
| Coupling Nut Plating Spec. | Passivated Stainless Steel |                        |

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

### Plotted and Other Data

Notes:



### Configuration:

- SMA Male
- TNC Female Bulkhead
- RG-402

### Features:

- Max Frequency 11 GHz

### Applications:

- General Purpose
- Laboratory Use

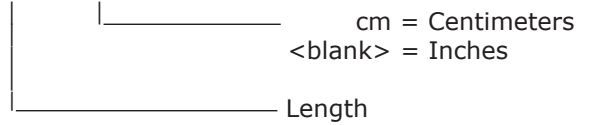
### Cable Diagram:

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**How to Order**

Part Number Configuration:

**SCA15141 - xx uu**



Example: SCA15141-12 = 12 inches long cable  
SCA15141-100cm = 100 cm long cable

SMA Male to TNC Female Bulkhead Cable RG-402 Coax from Fairview Microwave has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99% availability and are part of the broadest selection in the industry.

Click the following link to obtain additional part information: [SMA Male to TNC Female Bulkhead Cable RG-402 Coax SCA15141](#)

URL: <https://www.fairviewmicrowave.com/sma-male-tnc-female-cable-rg-402-coax-sca15141-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.