

## TNC Male to SMA Female Bulkhead Cable RG-58 Coax

### Electrical Specifications

Frequency Range	DC to 1,000 MHz
Impedance	50 Ohms
Velocity of Propagation	66 %

### Mechanical Specifications

#### Temperature

Temperature Operating Range	-65 to +165 deg C
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#### Size

Diameter	0.571 in [14.5 mm]
Cable Color	Black

#### Cable

Description	Cable
Cable Type	RG-58
Inner Conductor Type	Solid
Cable Inner Conductor	Copper, Tin
No of Shields	1
Dielectric Type	PE
Jacket Material	PVC
Jacket Diameter	0.195 in [4.95 mm]

### Connectors

Description	Connector 1	Connector 2
Type	TNC Male	SMA Female Bulkhead
Configuration	Straight	Straight
Mount Method		Bulkhead
Inner Conductor Material & Plating	Brass, Gold	Beryllium Copper, Gold
Inner Conductor Plating Spec.	30 $\mu$ minimum	50 $\mu$ in. minimum
Hex Size		5/16 inch
Body Material & Plating	Brass, Nickel	Passivated Stainless Steel
Body Plating Spec.	100 $\mu$ minimum	
Dielectric Type	Teflon	Teflon

**Compliance Certifications** (visit [www.FairviewMicrowave.com](http://www.FairviewMicrowave.com) for current document)

Notes:

- Values at +25 °C, sea level
- SMA Female to TNC Male Cables

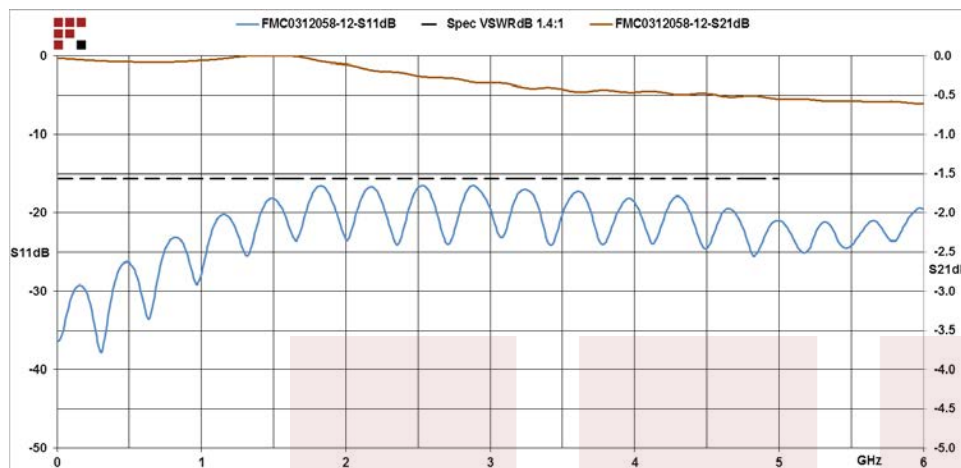


### Configuration:

- TNC Male
- SMA Female Bulkhead
- RG-58

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### Typical Performance Data



### How to Order

Part Number Configuration:

**FMC0312058 - xx uu**

cm = Centimeters  
<blank> = Inches  
Length

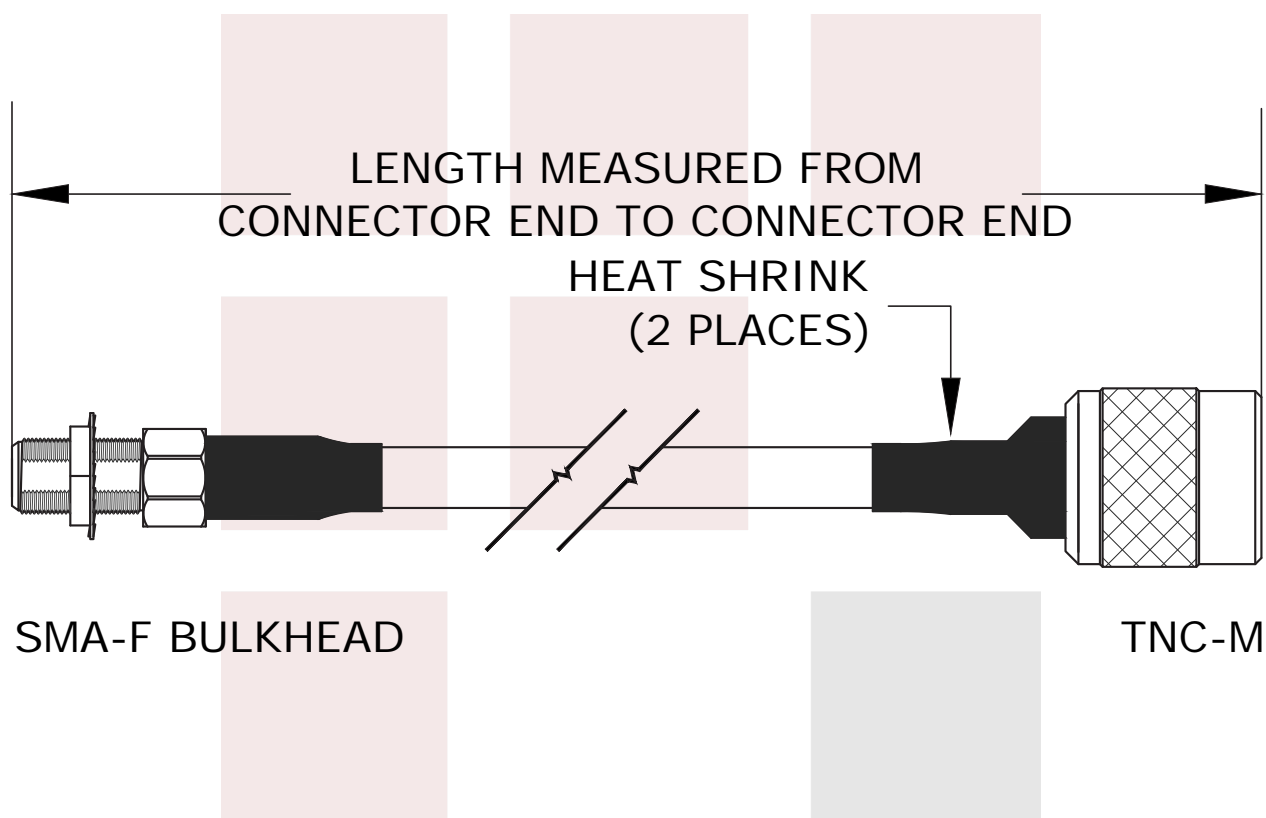
Example: FMC0312058-12 = 12 inches long cable  
FMC0312058-100cm = 100 cm long cable

TNC Male to SMA Female Bulkhead Cable RG-58 Coax from Fairview Microwave has same day shipment for domestic and International orders. Our RF, microwave and fiber optic products maintain a 99% availability and are part of the broadest selection in the industry.

Click the following link to obtain additional part information: [TNC Male to SMA Female Bulkhead Cable RG-58 Coax FMC0312058-XX](http://www.fairviewmicrowave.com/tnc-male-sma-female-cable-rg58cu-coax-fmc0312058-xx-p.aspx)

URL: <http://www.fairviewmicrowave.com/tnc-male-sma-female-cable-rg58cu-coax-fmc0312058-xx-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.



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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 Male to SMA Female Bulkhead Cable RG-58 Coax	DWG NO FMC0312058-XX		CAGE CODE 3FKR5		
	CAD FILE 102114	SHEET	SCALE N/A	SIZE A	5568