

**SMA Male to TNC Male Cable RG-58 Coax**

**Electrical Specifications**

Description	Min	Typ	Max	Units
Frequency Range	DC		1,000	MHz
VSWR			1.35:1	
Velocity of Propagation		66		%
Capacitance		30.8 [101.05]		pF/ft [pF/m]

**Mechanical Specifications**

**Cable Assembly**

Diameter	0.571 in [14.5 mm]
Weight	0.04189 lbs [19 g]

**Cable**

Cable Type	RG-58
Impedance	50 Ohms
Inner Conductor Type	Solid
Inner Conductor Material and Plating	Copper, Tin
Dielectric Type	PE
Number of Shields	1
Shield Layer 1	Tinned Copper Braid
Jacket Material	PVC, Black
Jacket Diameter	0.195 in [4.95 mm]

**Connectors**

Description	Connector 1	Connector 2
Type	SMA Male	TNC Male
Configuration	Straight	Straight
Polarity	Standard	Standard
Impedance	50 Ohms	50 Ohms
Contact Material & Plating	Brass, Gold	Brass, Gold
Contact Plating Spec.	50µ in. minimum	30 µ minimum
Dielectric Type	PTFE	PTFE
Hex Size	5/16 inch	
Torque	4 in-lbs [0.45 Nm]	
Body Material & Plating	Brass, Gold	Brass, Nickel
Body Plating Spec.	3µ in. minimum	100 µ minimum

**Environmental Specifications**

**Temperature**

Operating Range	-65 to +165 deg C
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**Configuration:**

- SMA Male
- TNC Male
- RG-58

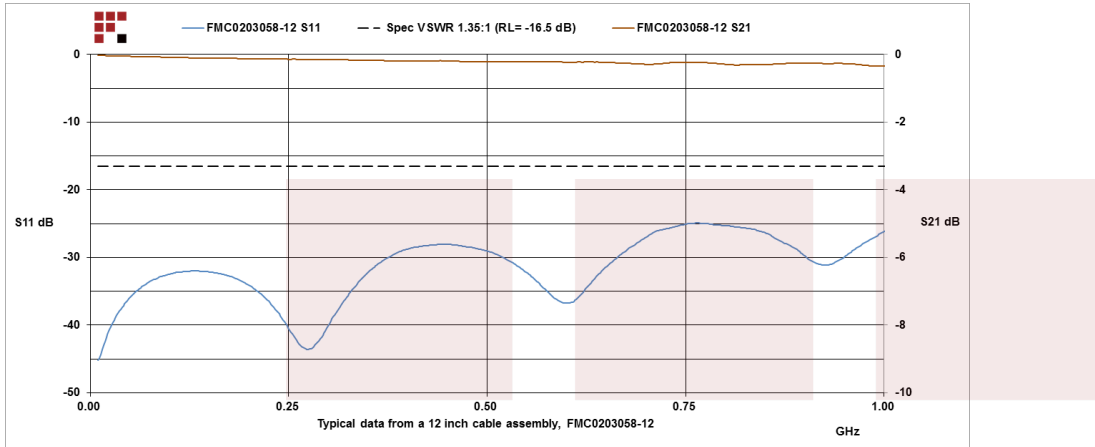
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**Compliance Certifications** (visit [www.FairviewMicrowave.com](http://www.FairviewMicrowave.com) for current document)

**Plotted and Other Data**

Notes:

**Typical Performance Data**



**How to Order**

Part Number Configuration:

**FMC0203058 - xx uu**

cm = Centimeters  
 <blank> = Inches  
 Length

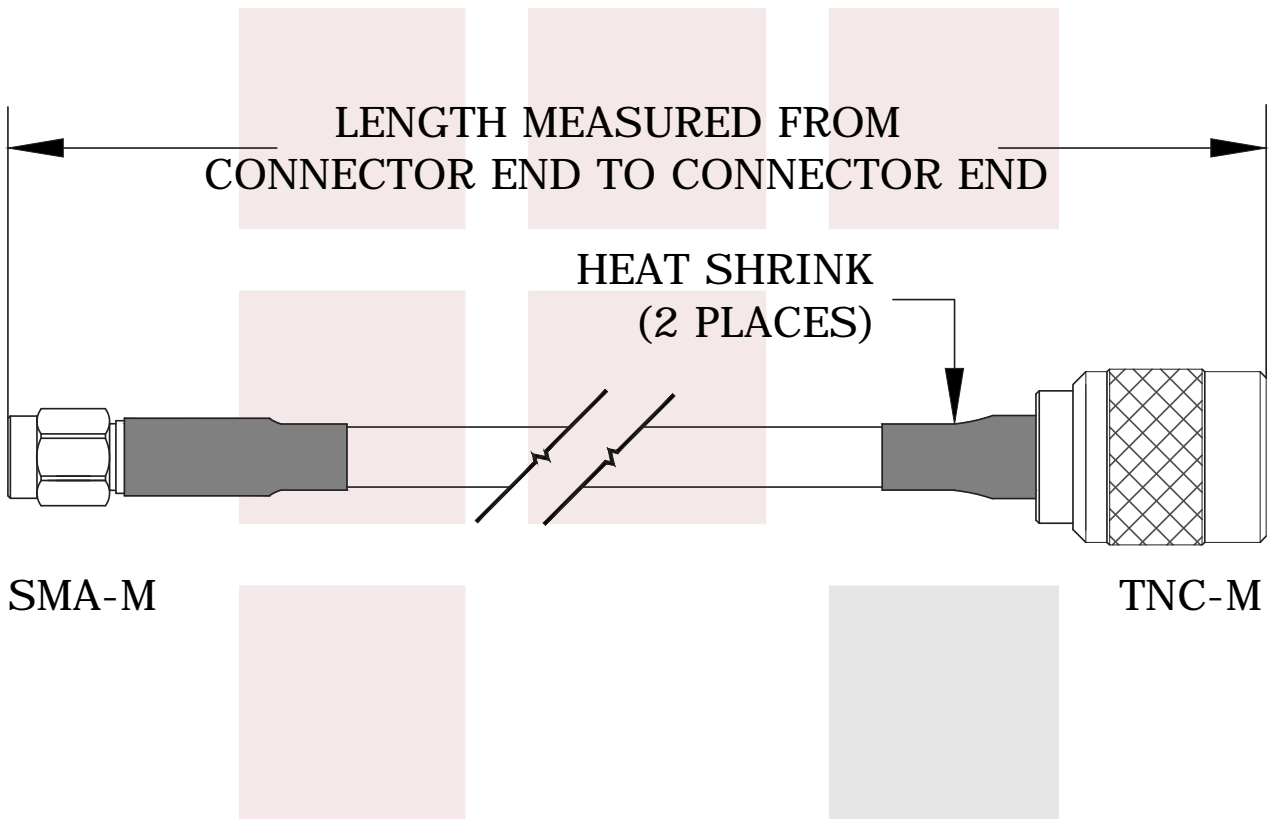
Example: FMC0203058-12 = 12 inches long cable  
 FMC0203058-100cm = 100 cm long cable

SMA Male to TNC Male 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: [SMA Male to TNC Male Cable RG-58 Coax FMC0203058](http://www.fairviewmicrowave.com/sma-male-tnc-male-cable-rg58cu-coax-fmc0203058)

URL: <http://www.fairviewmicrowave.com/sma-male-tnc-male-cable-rg58cu-coax-fmc0203058-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  
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DWG NO FMC0203058		CAGE CODE 3FKR5		
CAD FILE 101414	SHEET	SCALE N/A	SIZE A	5568