

**RA SMA 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	0.577 in [14.66 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	SMA Male Right Angle	SMA Female Bulkhead
Configuration	Right Angle	Straight
Mount Method		Bulkhead
Inner Conductor Material & Plating	Brass, Gold	Beryllium Copper, Gold
Inner Conductor Plating Spec.	50µ in. minimum	50µ in. minimum
Hex Size	5/16 inch	5/16 inch
Body Material & Plating	Brass, Gold	Passivated Stainless Steel
Body Plating Spec.	3µ in. 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 RA SMA Male Cables

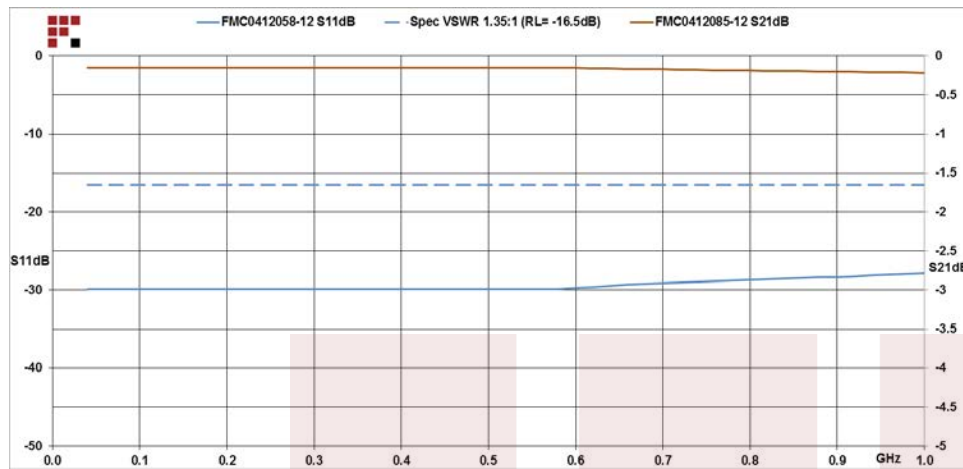


**Configuration:**

- SMA Male Right Angle
- SMA Female Bulkhead
- RG-58

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**Typical Performance Data**



**How to Order**

Part Number Configuration:

**FMC0412058 - xx uu**

cm = Centimeters  
 <blank> = Inches  
 Length

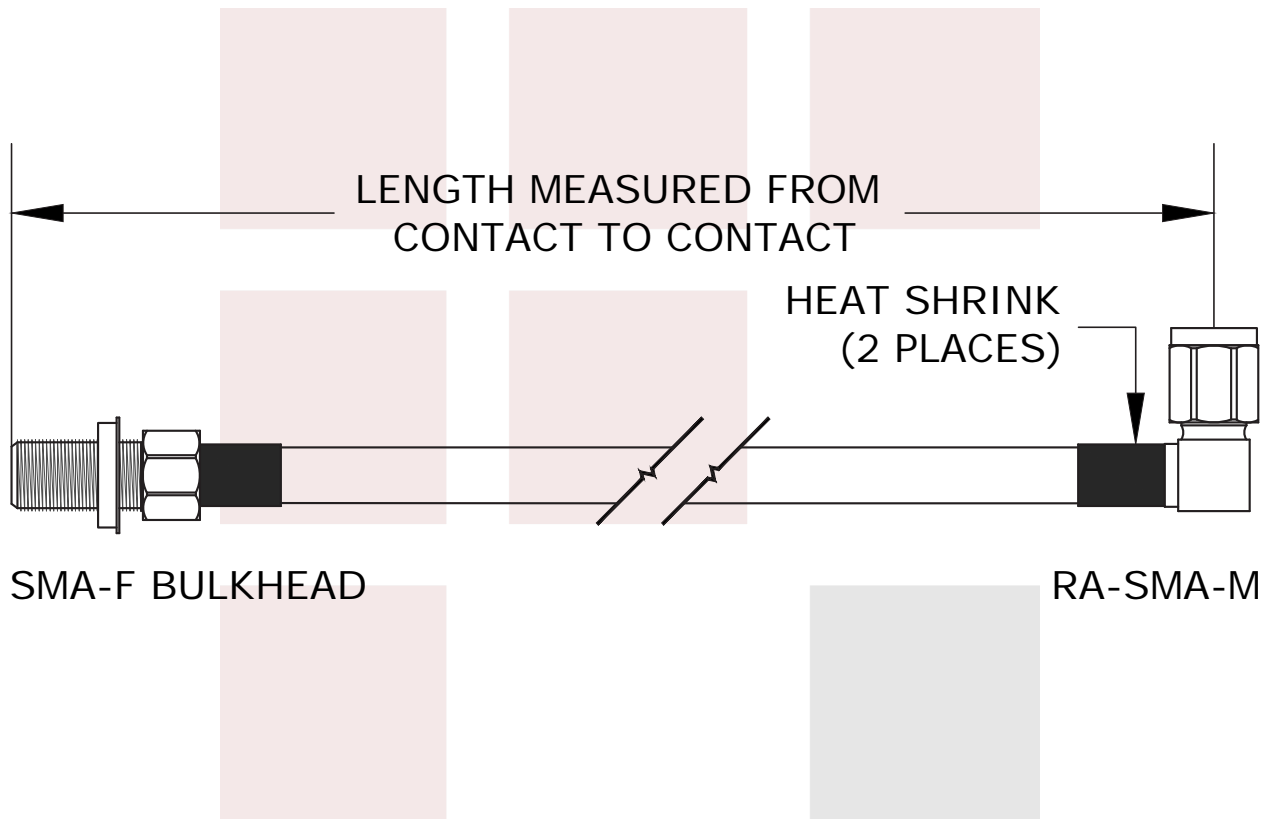
Example: FMC0412058-12 = 12 inches long cable  
 FMC0412058-100cm = 100 cm long cable

RA SMA 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: [RA SMA Male to SMA Female Bulkhead Cable RG-58 Coax FMC0412058-XX](http://www.fairviewmicrowave.com/ra-sma-male-sma-female-cable-rg58cu-coax-fmc0412058-xx-p.aspx)

URL: <http://www.fairviewmicrowave.com/ra-sma-male-sma-female-cable-rg58cu-coax-fmc0412058-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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TITLE RA SMA Male to SMA Female Bulkhead Cable RG-58 Coax		DWG NO FMC0412058-XX		CAGE CODE 3FKR5	
CAD FILE	102114	SHEET	SCALE	N/A	SIZE A 5568