

**SMA Female to BNC Female Bulkhead Cable**  
**RG316 Coax**

**Electrical Specifications**

Description	Min	Typ	Max	Units
Frequency Range	DC		3	GHz
Velocity of Propagation		70		%
Capacitance		32 [104.99]		pF/ft [pF/m]

**Mechanical Specifications**

**Cable Assembly**

Weight 0.04233 lbs [19.2 g]

**Cable**

Cable Type RG-316  
 Impedance 50 Ohms  
 Inner Conductor Type Solid  
 Inner Conductor Material and Plating Copper, Silver  
 Dielectric Type PTFE  
 Number of Shields 1  
 Shield Layer 1 Silver Plated Copper Tape  
 Shield Layer 2 Silver Plated Copper Braid  
 Jacket Material FEP, Black  
 Jacket Diameter 0.098 in [2.49 mm]

**Connectors**

Description	Connector 1	Connector 2
Type	SMA Female	BNC Female
Polarity	Standard	Standard
Mount Method		Bulkhead
Impedance	50 Ohms	50 Ohms
Contact Material & Plating	Beryllium Copper, Gold	Brass, Gold
Contact Plating Spec.	50µ in. minimum	30µ in. minimum
Dielectric Type	Teflon	PTFE
Hex Size	1/4 inch	
Body Material & Plating	Brass, Gold	Brass, Nickel
Body Plating Spec.	3µ in. minimum	100µ in. minimum

**Environmental Specifications**

**Temperature**

Operating Range -65 to +165 deg C

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

**Plotted and Other Data**

Notes:

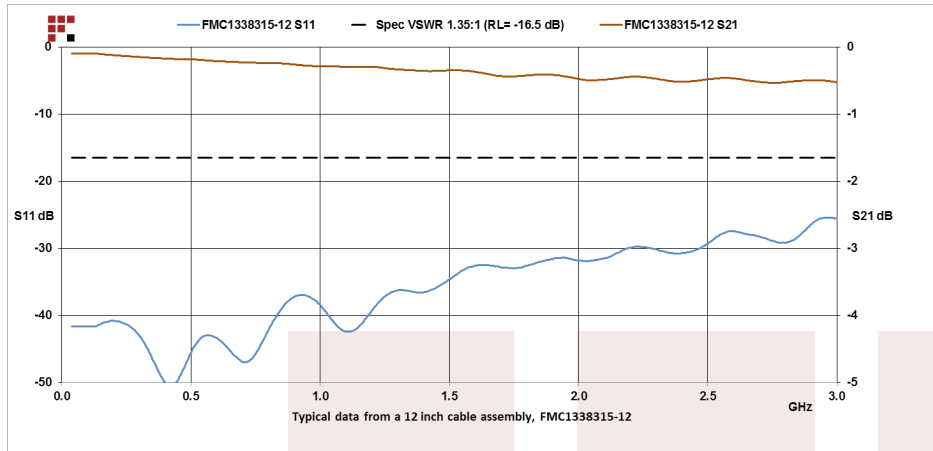


**Configuration:**

- SMA Female
- BNC Female Bulkhead
- RG-316

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)

**Typical Performance Data**



**How to Order**

Part Number Configuration:

**FMC1338315 - xx uu**

cm = Centimeters  
 <blank> = Inches  
 Length

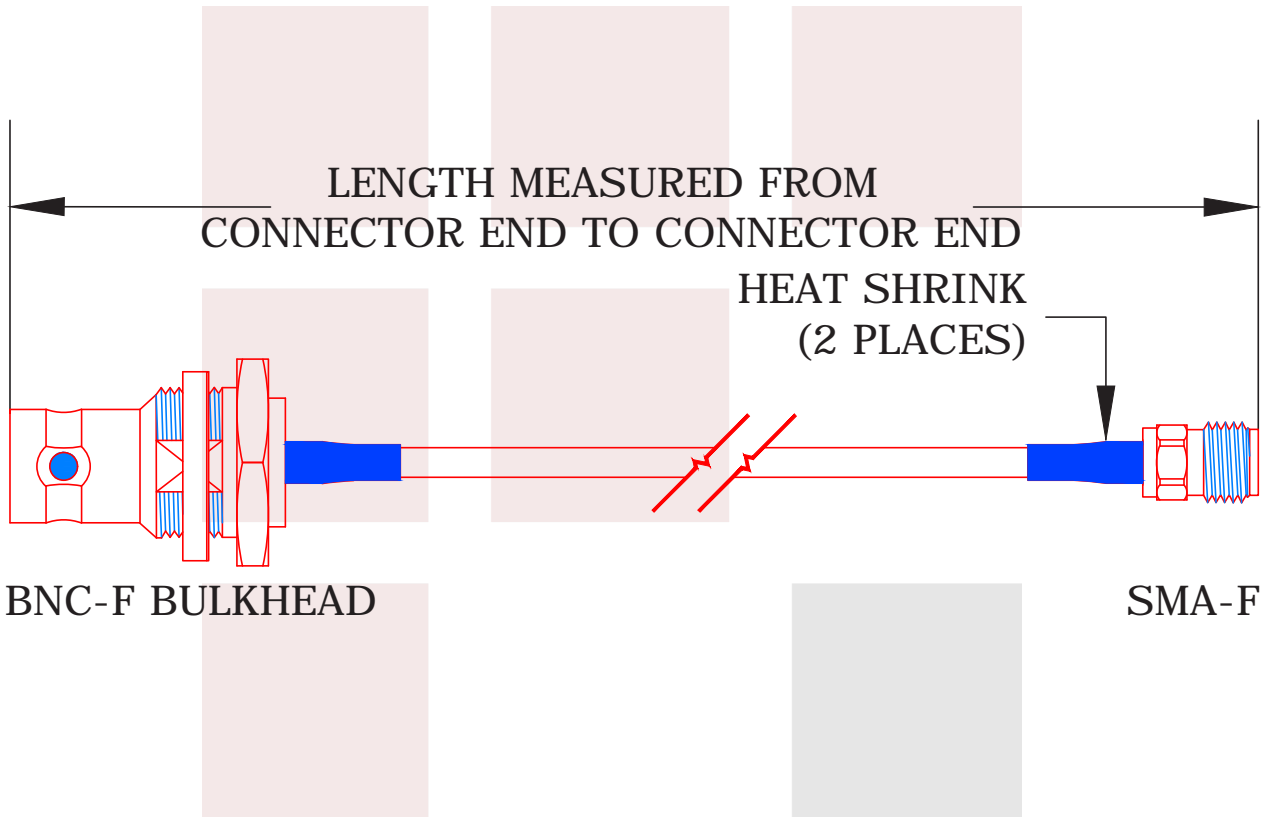
Example: FMC1338315-12 = 12 inches long cable  
 FMC1338315-100cm = 100 cm long cable

SMA Female to BNC Female Bulkhead Cable RG316 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 Female to BNC Female Bulkhead Cable RG316 Coax FMC1338315](#)

URL: <https://www.fairviewmicrowave.com/sma-female-bnc-female-cable-rg316-coax-fmc1338315-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.



<b>FAIRVIEW MICROWAVE INC.</b> 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 SMA Female to BNC Female Bulkhead Cable RG316 Coax		DWG NO <b>FMC1338315</b>		CAGE CODE <b>3FKR5</b>	
CAD FILE	103014	SHEET	SCALE	N/A	SIZE A 5568