

**RA SMB Plug to BNC Female Bulkhead Cable**  
**RG-316 Coax**

**Electrical Specifications**

Description	Min	Typ	Max	Units
Frequency Range	DC		1,000	MHz
VSWR			1.35:1	
Velocity of Propagation		70		%
Capacitance		32 [104.99]		pF/ft [pF/m]

**Mechanical Specifications**

**Cable Assembly**

Diameter	0.689 in [17.5 mm]
Weight	0.04894 lbs [22.2 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 Braid
Jacket Material	FEP, Tan
Jacket Diameter	0.098 in [2.49 mm]

**Connectors**

Description	Connector 1	Connector 2
Type	SMB Plug	BNC Female
Polarity	Standard	Standard
Mount Method		Bulkhead
Impedance	50 Ohms	50 Ohms
Contact Material & Plating	Beryllium Copper, Gold	Brass, Gold
Contact Plating Spec.	30µ in. minimum	30µ in. minimum
Dielectric Type	PTFE	PTFE
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
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**Compliance Certifications** (see [product page](#) for current document)

**Plotted and Other Data**

Notes:

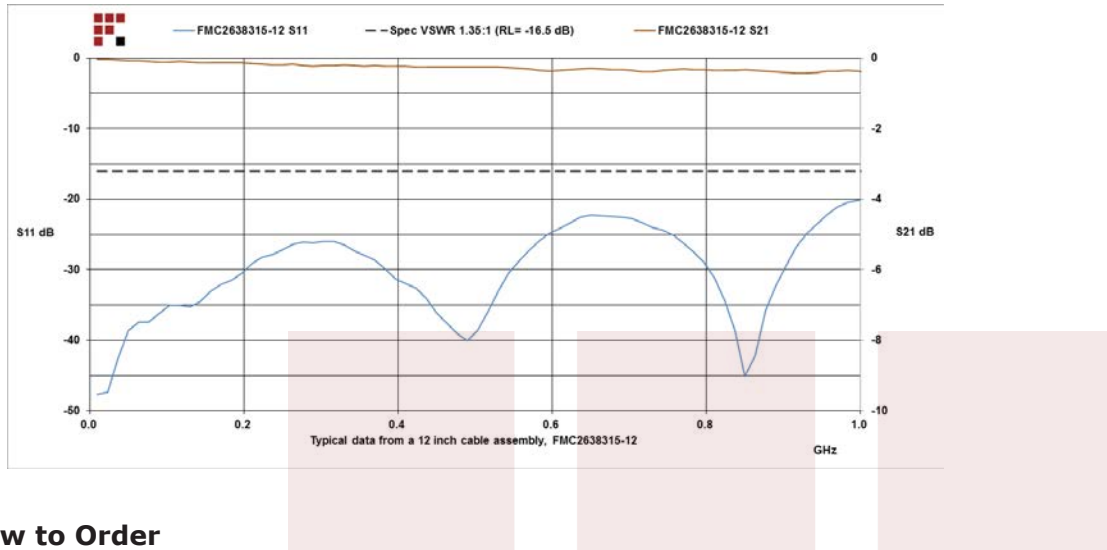


**Configuration:**

- SMB Plug Right Angle
- BNC Female Bulkhead
- RG-316

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**Typical Performance Data**



**How to Order**

Part Number Configuration:

**FMC2638315 - xx uu**

cm = Centimeters  
<blank> = Inches  
Length

Example: FMC2638315-12 = 12 inches long cable  
FMC2638315-100cm = 100 cm long cable

RA SMB Plug to BNC Female Bulkhead Cable RG-316 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 SMB Plug to BNC Female Bulkhead Cable RG-316 Coax FMC2638315](#)

URL: <https://www.fairviewmicrowave.com/ra-smb-plug-bnc-female-cable-rg316-coax-fmc2638315-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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