

**SMA Female to SMB Plug Cable RG316 Coax**

**Electrical Specifications**

Frequency Range	DC to 3 GHz
Impedance	50 Ohms
Velocity of Propagation	70 %

**Mechanical Specifications**

**Temperature**

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

Cable Color	Black
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**Cable**

Description	Cable
Cable Type	RG-316
Inner Conductor Type	Solid
Cable Inner Conductor	Copper, Silver
No of Shields	1
Dielectric Type	PTFE
Jacket Material	FEP
Jacket Diameter	0.098 in [2.49 mm]

**Connectors**

Description	Connector 1	Connector 2
Type	SMA Female	SMB Plug
Configuration	Straight	Straight
Inner Conductor Material & Plating	Beryllium Copper, Gold	Beryllium Copper, Gold
Inner Conductor Plating Spec.	50µ in. minimum	30µ in. minimum
Hex Size	1/4 inch	
Body Material & Plating	Brass, Gold	Brass, Gold
Body Plating Spec.	3µ in. minimum	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
- SMB Plug to SMA Female Cables

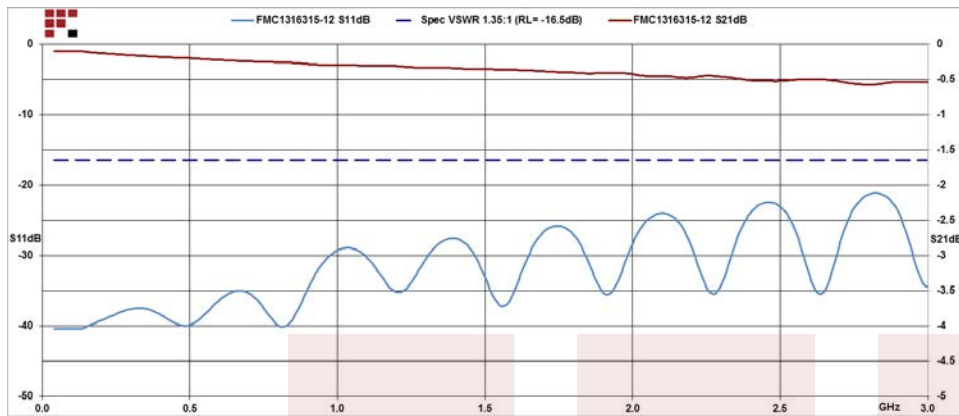


**Configuration:**

- SMA Female
- SMB Plug
- RG-316

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**Typical Performance Data**



**How to Order**

Part Number Configuration:

**FMC1316315 - xx uu**

cm = Centimeters  
 <blank> = Inches  
 Length

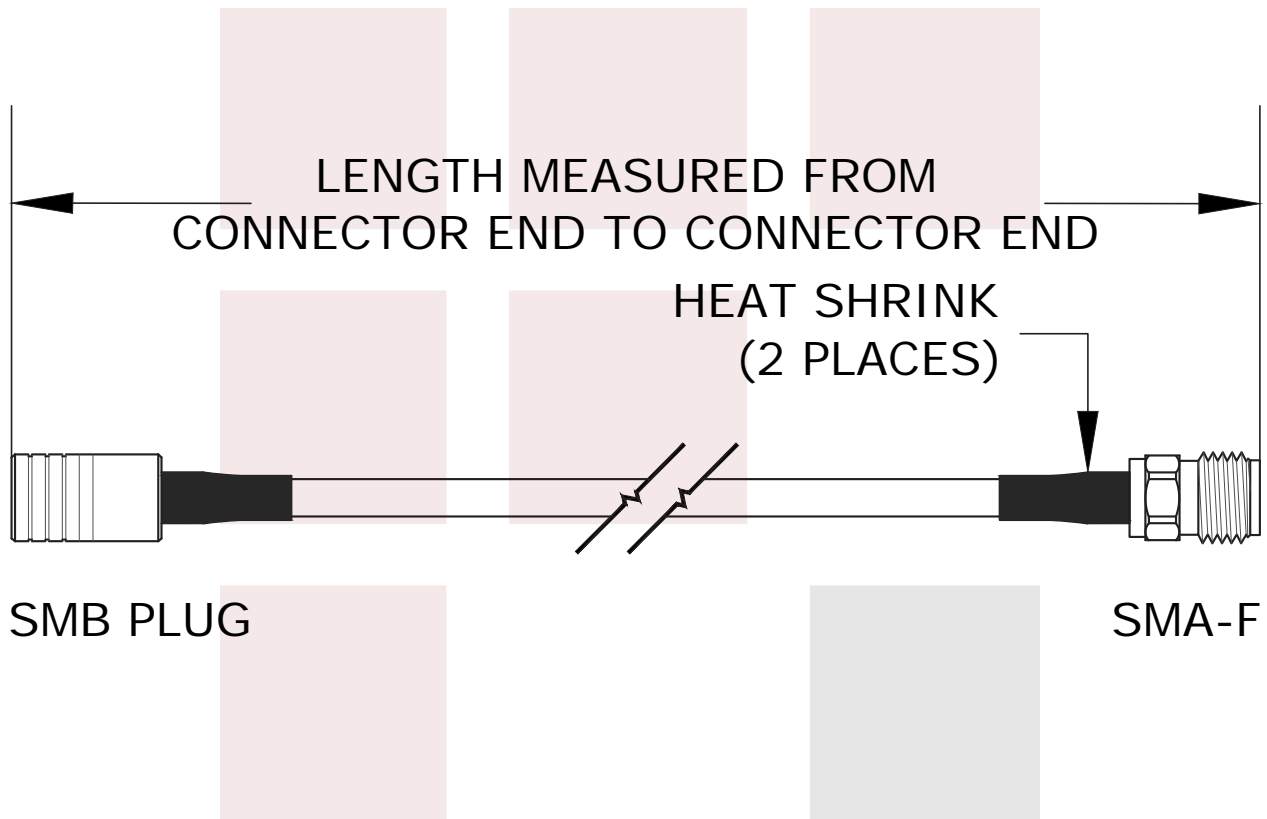
Example: FMC1316315-12 = 12 inches long cable  
 FMC1316315-100cm = 100 cm long cable

SMA Female to SMB Plug 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 SMB Plug Cable RG316 Coax FMC1316315-XX](http://www.fairviewmicrowave.com/sma-female-smb-plug-cable-rg316-coax-fmc1316315-xx-p.aspx)

URL: <http://www.fairviewmicrowave.com/sma-female-smb-plug-cable-rg316-coax-fmc1316315-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 SMA Female to SMB Plug Cable RG316 Coax		DWG NO FMC1316315-XX		CAGE CODE 3FKR5	
CAD FILE	103014	SHEET	SCALE	N/A	SIZE A 5568