

**BNC Male to SMB Plug Cable RG-316 Coax in 120 Inch**

**Electrical Specifications**

Description	Min	Typ	Max	Units
Frequency Range	DC		2	GHz
VSWR			1.35:1	
Velocity of Propagation		70		%
Capacitance		32 [104.99]		pF/ft [pF/m]

**Mechanical Specifications**

**Cable Assembly**

Length 120 in [304.8 cm]  
 Diameter 0.571 in [14.5 mm]

**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, Tan  
 Jacket Diameter 0.098 in [2.49 mm]

**Connectors**

Description	Connector 1	Connector 2
Type	BNC Male	SMB Plug
Impedance	50 Ohms	50 Ohms
Configuration	Straight	Straight
Contact Material & Plating	Brass, Gold	Beryllium Copper, Gold
Contact Plating Spec.	50µ in. minimum	30µ in. minimum
Dielectric Type	PTFE	PTFE
Body Material & Plating	Brass, Nickel	Brass, Gold
Body Plating Spec.	100µ in. minimum	3µ in. minimum

**Environmental Specifications**

**Temperature**

Operating Range -65 to +165 deg C

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

**Plotted and Other Data**

Notes:

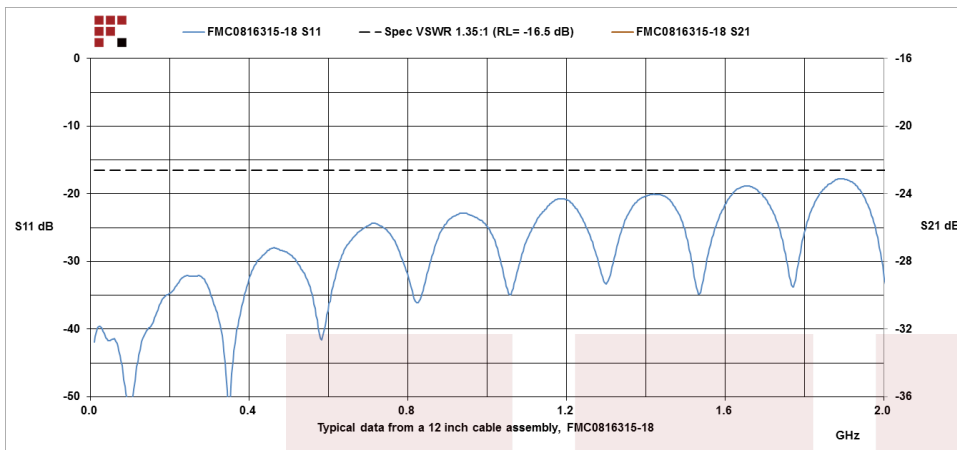


**Configuration:**

- BNC Male
- SMB Plug
- RG-316

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**Typical Performance Data**



**How to Order**

Part Number Configuration:

**FMC0816315 - xx uu**

cm = Centimeters  
 <blank> = Inches  
 Length

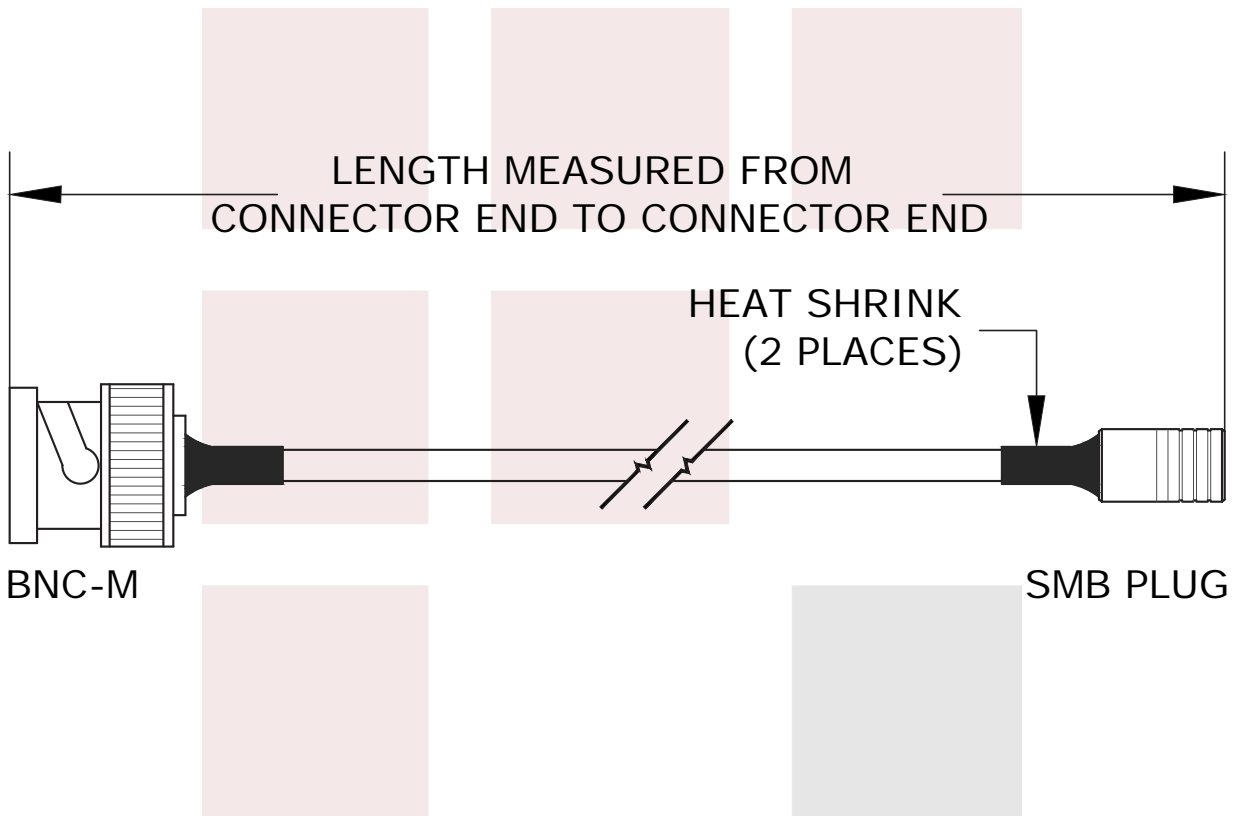
Example: FMC0816315-12 = 12 inches long cable  
 FMC0816315-100cm = 100 cm long cable

BNC Male to SMB Plug Cable RG-316 Coax in 120 Inch 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: [BNC Male to SMB Plug Cable RG-316 Coax in 120 Inch FMC0816315-120](#)

URL: <http://www.fairviewmicrowave.com/bnc-male-smb-plug-cable-rg316-coax-fmc0816315-120-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 BNC Male to SMB Plug Cable RG-316 Coax in 120 Inch		DWG NO FMC0816315-XX		CAGE CODE 3FKR5	
CAD FILE	102814	SHEET	SCALE	N/A	SIZE A 5568