

BNC Male to SMA Female 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]

Cable

Cable Type

M17/113-RG316

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	SMA Female
Impedance	50 Ohms	50 Ohms
Contact Material & Plating	Brass, Gold	Beryllium Copper, Gold
Contact Plating Spec.	50μ in. minimum	50μ in. minimum
Dielectric Type	PTFE	PTFE
Hex Size		1/4 inch
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 for current document)

Plotted and Other Data

Notes:

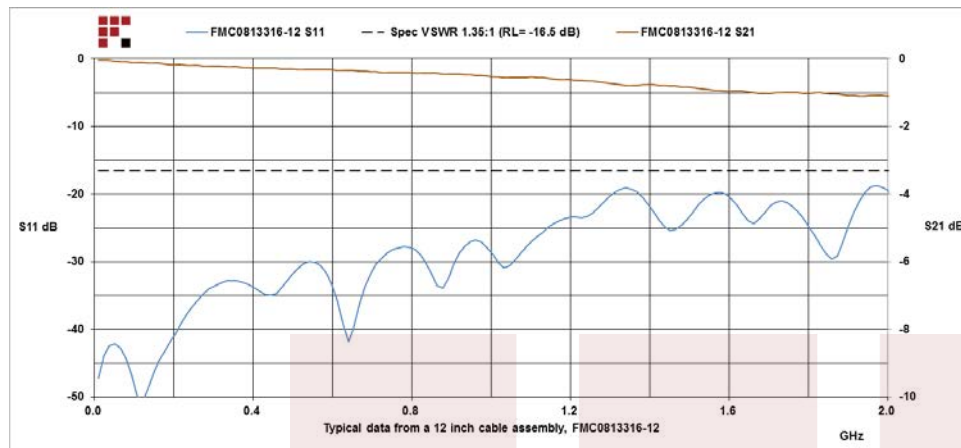


Configuration:

- BNC Male
- SMA Female
- M17/113-RG316

Fairview Microwave
1130 Junction Dr. #100
Allen, TX 75013
Tel: 1-800-715-4396 / (972) 649-6678
Fax: (972) 649-6689
www.fairviewmicrowave.com
sales@fairviewmicrowave.com

Typical Performance Data



How to Order

Part Number Configuration:

FMC0813316 - xx uu

cm = Centimeters
<blank> = Inches

Length

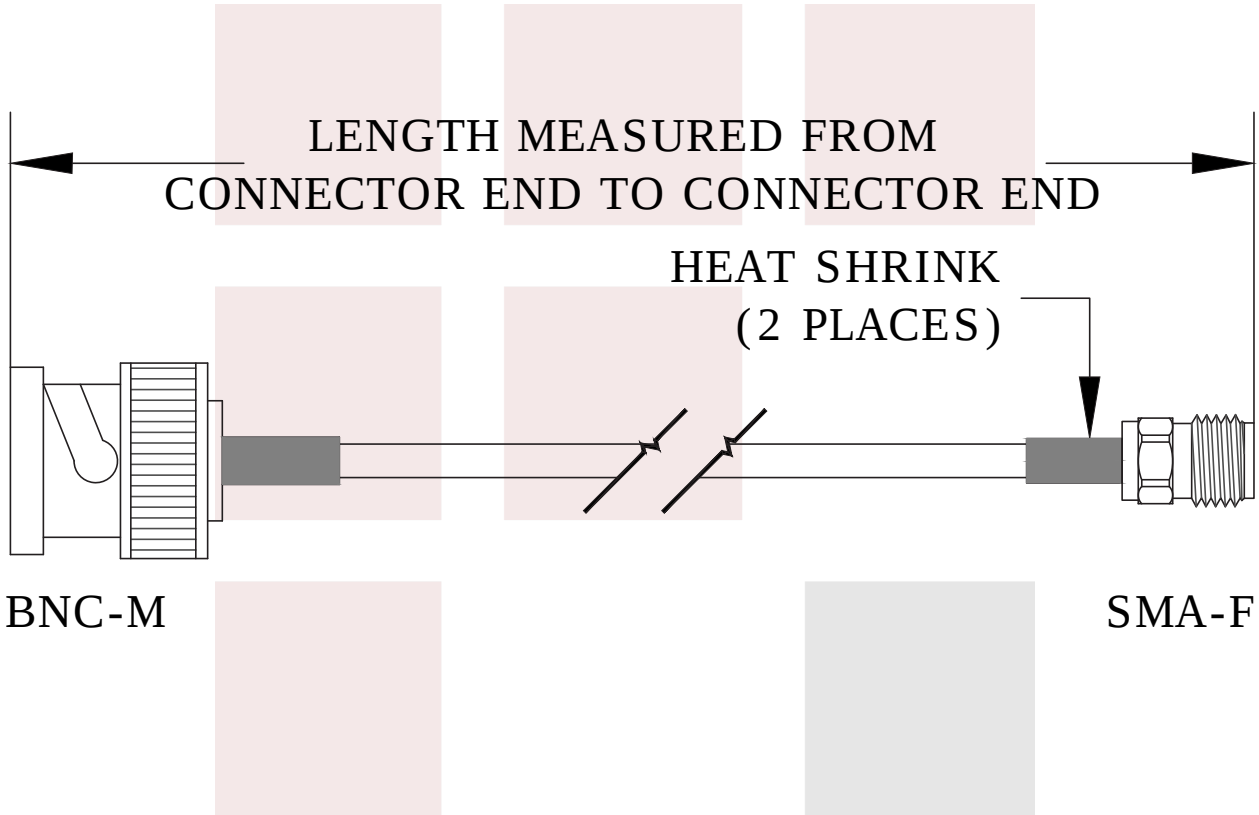
Example: FMC0813316-12 = 12 inches long cable
FMC0813316-100cm = 100 cm long cable

BNC Male to SMA Female 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 SMA Female Cable RG-316 Coax in 120 Inch FMC0813316-120](http://www.fairviewmicrowave.com/bnc-male-sma-female-cable-m17-113-rg316-coax-fmc0813316-120-p.aspx)

URL: <http://www.fairviewmicrowave.com/bnc-male-sma-female-cable-m17-113-rg316-coax-fmc0813316-120-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.



FAIRVIEW MICROWAVE INC.
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
BNC Male to SMA Female Cable RG-316 Coax in 120
Inch

DWG NO	FMC0813316	CAGE CODE	3FKR5		
CAD FILE	102814	SHEET	SCALE N/A	SIZE A	5568