

SMA Female Bulkhead to SMA Female Bulkhead Cable RG-316 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 0.01764 lbs [8 g]

Cable

Cable Type RG-316
Impedance 50 Ohms
Inner Conductor Type Stranded
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	SMA Female	SMA Female
Configuration	Straight	Straight
Polarity	Standard	Standard
Mount Method	Bulkhead	Bulkhead
Impedance	50 Ohms	50 Ohms
Contact Material & Plating	Beryllium Copper, Gold	Beryllium Copper, Gold
Contact Plating Spec.	50µ in. minimum	50µ in. minimum
Dielectric Type	Teflon	Teflon
Hex Size	5/16 inch	5/16 inch
Body Material & Plating	Brass, Gold	Brass, Gold
Body Plating Spec.	3µ in. minimum	3µ in. minimum

Environmental Specifications

Temperature

Operating Range -55 to +125 deg C

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

Plotted and Other Data

Notes:

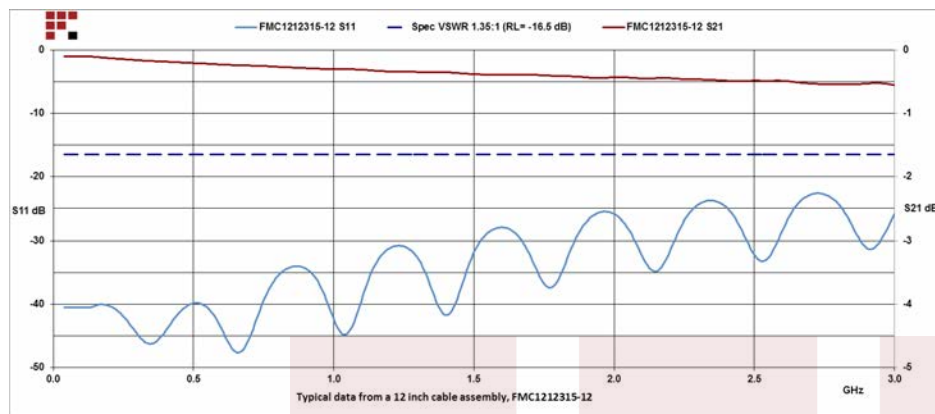


Configuration:

- SMA Female Bulkhead
- SMA Female Bulkhead
- RG-316

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Typical Performance Data



How to Order

Part Number Configuration:

FMC1212315 - xx uu

cm = Centimeters
<blank> = Inches
Length

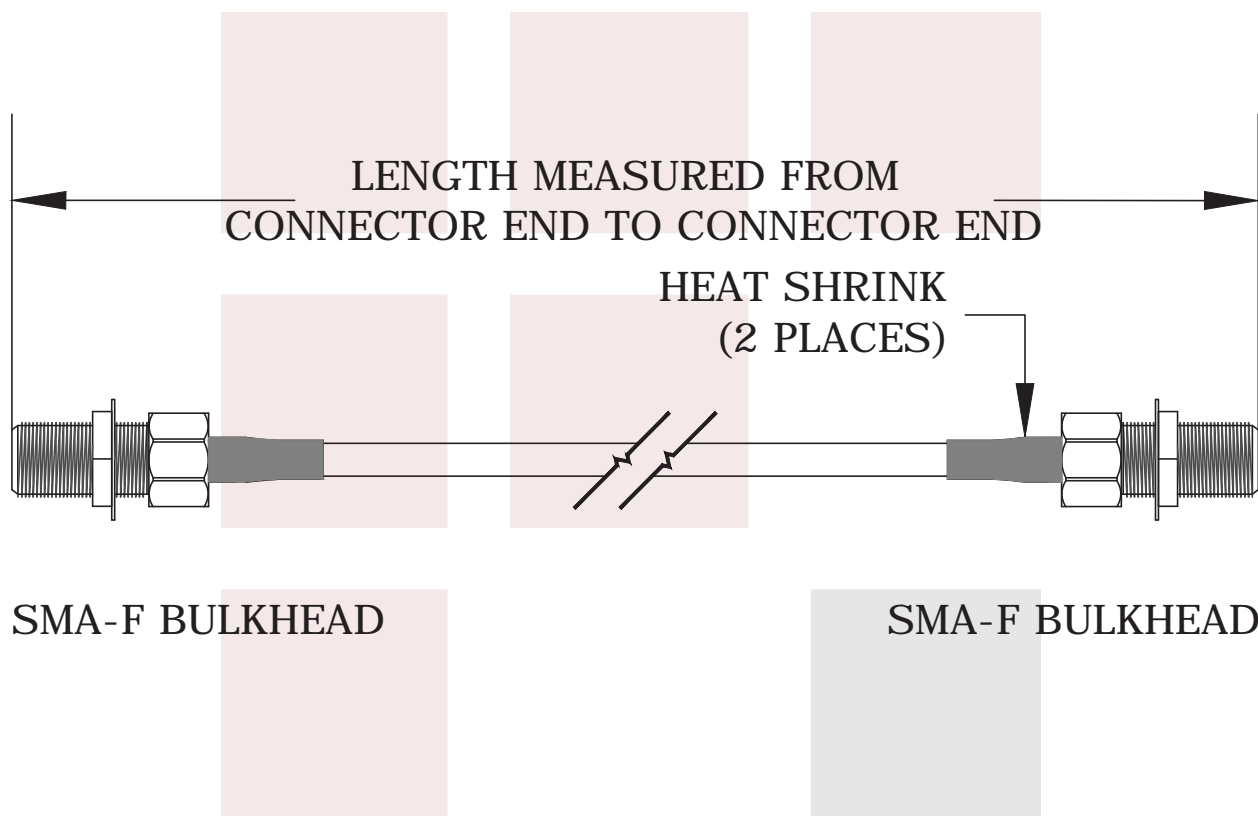
Example: FMC1212315-12 = 12 inches long cable
FMC1212315-100cm = 100 cm long cable

SMA Female Bulkhead to SMA 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: [SMA Female Bulkhead to SMA Female Bulkhead Cable RG-316 Coax FMC1212315](#)

URL: <https://www.fairviewmicrowave.com/sma-female-sma-female-cable-rg316-coax-fmc1212315-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 Bulkhead to SMA Female Bulkhead Cable RG-316 Coax	DWG NO FMC1212315		CAGE CODE 3FKR5		
	CAD FILE 103014	SHEET	SCALE N/A	SIZE A	5568