

SMB Plug to SMC Plug Cable RG-316 Coax and RoHS

Electrical Specifications

Description	Min	Typ	Max	Units
Frequency Range	DC		3	GHz
VSWR			1.35:1	
Velocity of Propagation		70		%
Capacitance		32 [104.99]		pF/ft [pF/m]

Mechanical Specifications

Cable Assembly

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 Braid
Jacket Material	FEP, Tan
Jacket Diameter	0.098 in [2.49 mm]

Connectors

Description	Connector 1	Connector 2
Type	SMB Plug	SMC Plug
Polarity	Standard	Standard
Impedance	50 Ohms	50 Ohms
Contact Material & Plating	Beryllium Copper, Gold	Beryllium Copper, Gold
Contact Plating Spec.	30µ in. minimum	50µ in. minimum
Dielectric Type	PTFE	PTFE
Hex Size		1/4 inch
Body Material & Plating	Brass, Gold	Brass, Gold
Body Plating Spec.	3µ in. minimum	3µ in. minimum

Environmental Specifications

Temperature

Operating Range -65 to +165 deg C

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

Plotted and Other Data

Notes:

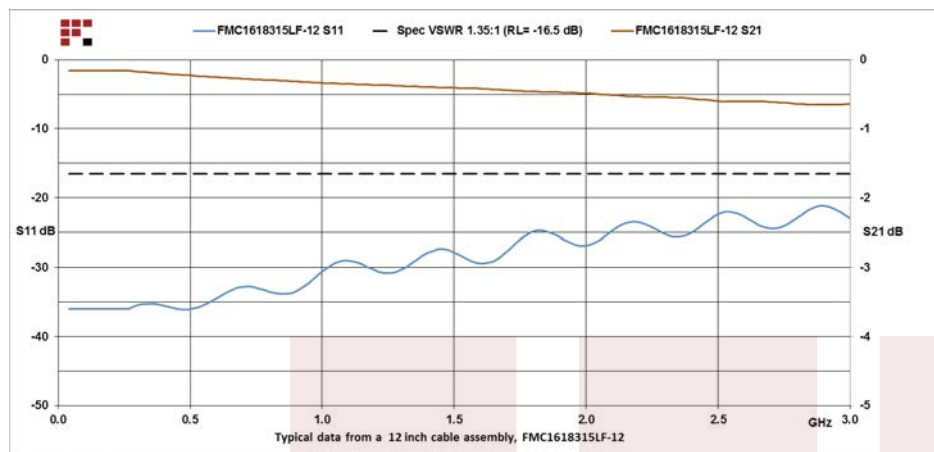


Configuration:

- SMB Plug
- SMC Plug
- RG-316

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Typical Performance Data



How to Order

Part Number Configuration: **FMC1618315LF - xx uu**

cm = Centimeters
 <blank> = Inches
 Length

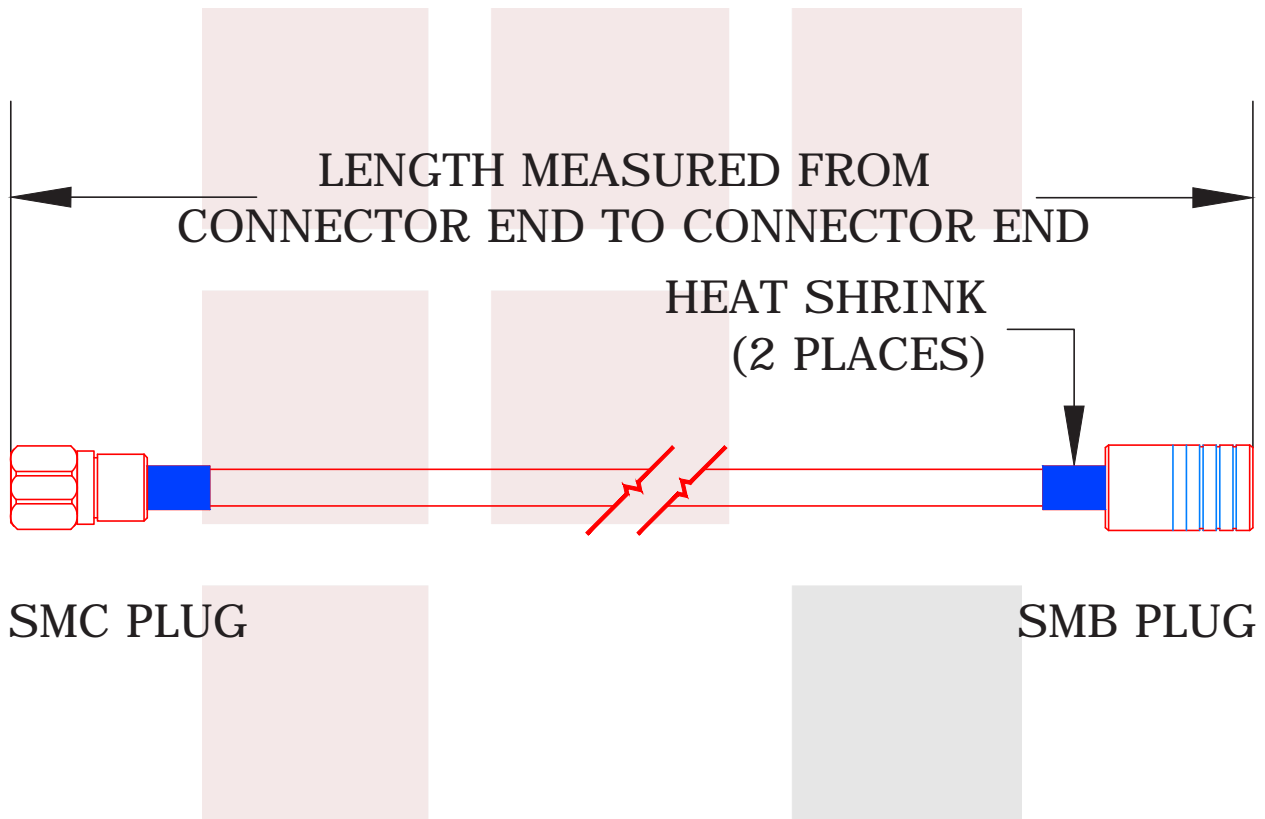
Example: FMC1618315LF-12 = 12 inches long cable
 FMC1618315LF-100cm = 100 cm long cable

SMB Plug to SMC Plug Cable RG-316 Coax and RoHS 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: [SMB Plug to SMC Plug Cable RG-316 Coax and RoHS FMC1618315LF](#)

URL: <https://www.fairviewmicrowave.com/standard-smb-plug-smc-plug-cable-rg316-coax-fmc1618315lf-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 SMB Plug to SMC Plug Cable RG-316 Coax and RoHS		DWG NO FMC1618315LF		CAGE CODE 3FKR5	
CAD FILE	103114	SHEET	SCALE	N/A	SIZE A 5568