

SMC Plug to RA 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	SMC Plug	SMB Plug Right Angle
Configuration	Straight	Right Angle
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 for current document)

Notes:

- Values at +25 °C, sea level
- RA SMB Plug to SMC Plug Cables

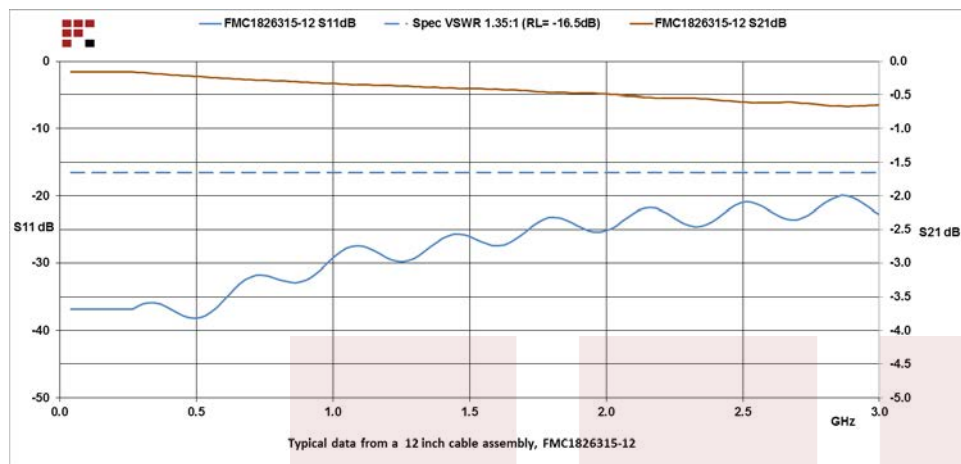


Configuration:

- SMC Plug
- SMB Plug Right Angle
- RG-316

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Typical Performance Data



How to Order

Part Number Configuration:

FMC1826315 - xx uu

cm = Centimeters
<blank> = Inches
Length

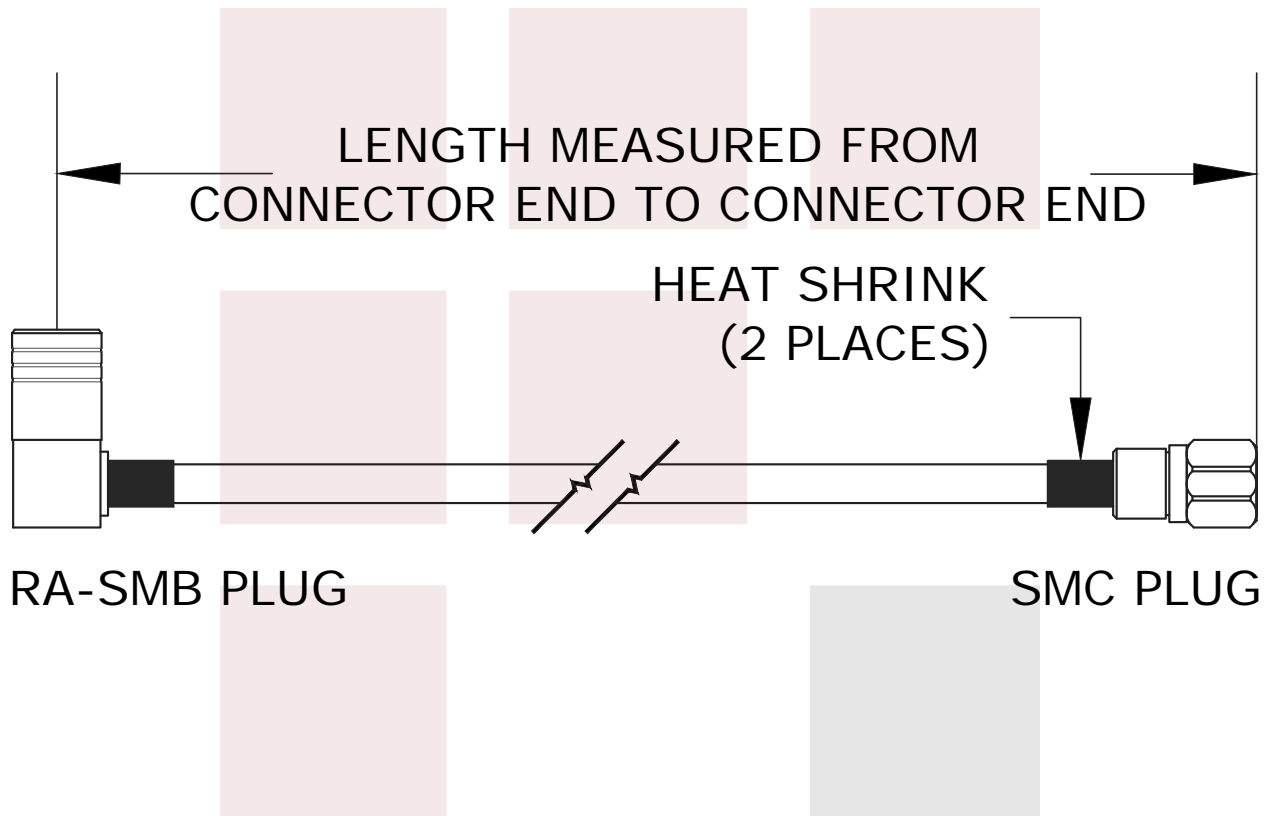
Example: FMC1826315-12 = 12 inches long cable
FMC1826315-100cm = 100 cm long cable

SMC Plug to RA 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: [SMC Plug to RA SMB Plug Cable RG316 Coax FMC1826315-XX](#)

URL: <http://www.fairviewmicrowave.com/smc-plug-ra-smb-plug-cable-rg316-coax-fmc1826315-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 SMC Plug to RA SMB Plug Cable RG316 Coax		DWG NO FMC1826315-XX		CAGE CODE 3FKR5	
CAD FILE	103114	SHEET	SCALE	N/A	SIZE A 5568