

SMB Plug to SMC 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 |
|-----------------------------|-------------------|

Size

| | |
|-------------|-------|
| Cable Color | Black |
|-------------|-------|

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 | SMB Plug | SMC Plug |
| Configuration | Straight | Straight |
| Inner Conductor Material & Plating | Beryllium Copper, Gold | Beryllium Copper, Gold |
| Inner Conductor Plating Spec. | 30µ in. minimum | 50µ 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
- SMC Plug to SMB Plug Cables

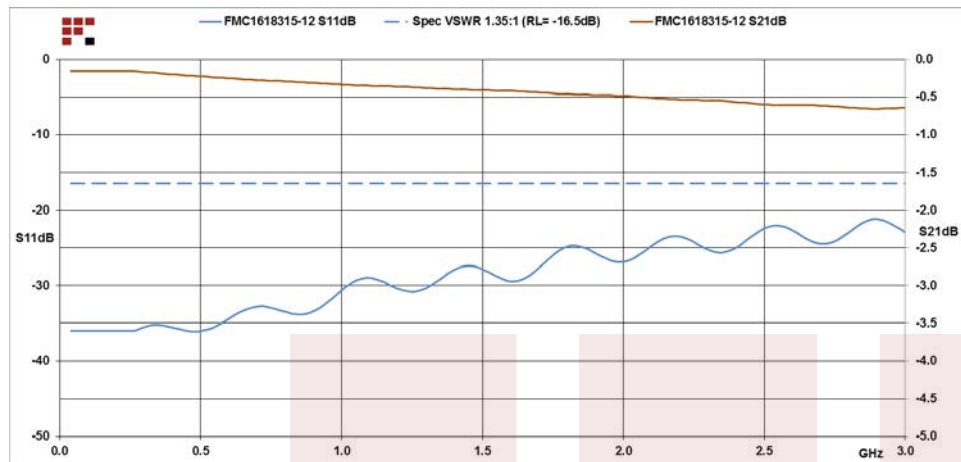


Configuration:

- SMB Plug
- SMC Plug
- RG-316

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:

FMC1618315 - xx uu

cm = Centimeters
 <blank> = Inches
 Length

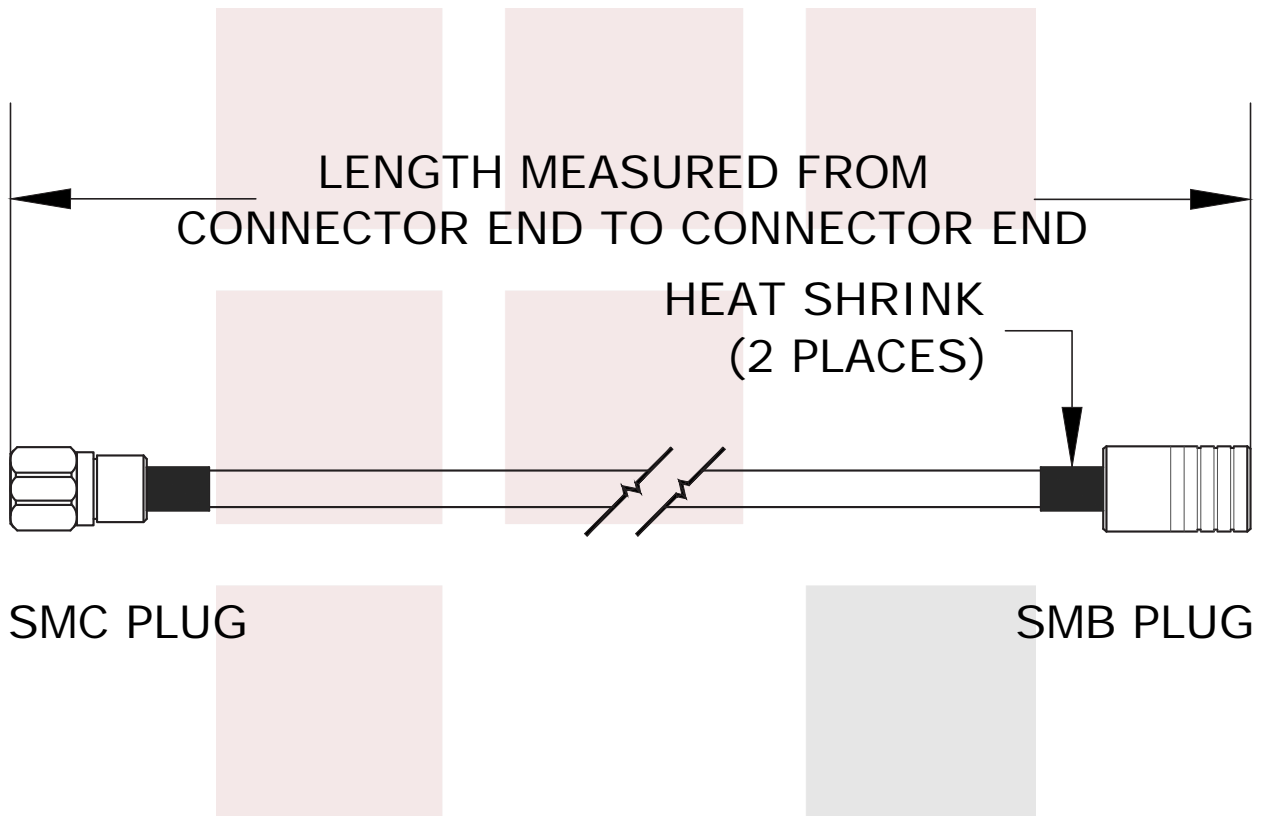
Example: FMC1618315-12 = 12 inches long cable
 FMC1618315-100cm = 100 cm long cable

SMB Plug to SMC 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: [SMB Plug to SMC Plug Cable RG316 Coax FMC1618315-XX](#)

URL: <http://www.fairviewmicrowave.com/smb-plug-smc-plug-cable-rg316-coax-fmc1618315-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.



| | | | | | |
|---|--------|---|-------|--------------------|-------------|
| 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 SMB Plug to SMC Plug Cable RG316 Coax | | DWG NO FMC1618315-XX | | CAGE CODE 3FKR5 | |
| CAD FILE | 103114 | SHEET | SCALE | N/A | SIZE A 5568 |