

**SMA Female to RA SMC Plug Cable RG-316 Coax in 24 Inch**

**Electrical Specifications**

|                 |             |
|-----------------|-------------|
| Frequency Range | DC to 3 GHz |
| Impedance       | 50 Ohms     |
| Max VSWR        | 1.35:1      |

**Mechanical Specifications**

**Temperature**

|                             |                   |
|-----------------------------|-------------------|
| Temperature Operating Range | -65 to +165 deg C |
|-----------------------------|-------------------|

**Size**

|             |                  |
|-------------|------------------|
| Length      | 24 in [609.6 mm] |
| Cable Color | Tan              |

**Cable**

| Description           | Cable              |
|-----------------------|--------------------|
| Cable Type            | RG316              |
| 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                               | SMA Female             | SMC Plug Right Angle   |
| Configuration                      | Straight               | Right Angle            |
| Inner Conductor Material & Plating | Beryllium Copper, Gold | Beryllium Copper, Gold |
| Inner Conductor Plating Spec.      | 50µ in. minimum        | 50µ in. minimum        |
| Hex Size                           | 1/4 inch               | 1/4 inch               |
| Body Material & Plating            | Brass, Gold            | Brass, Gold            |
| Body Plating Spec.                 | 3µ in. minimum         | 3µ in. minimum         |
| Dielectric Type                    | PTFE                   | PTFE                   |

**Compliance Certifications** (visit [www.FairviewMicrowave.com](http://www.FairviewMicrowave.com) for current document)

Notes:

- Values at +25 °C, sea level

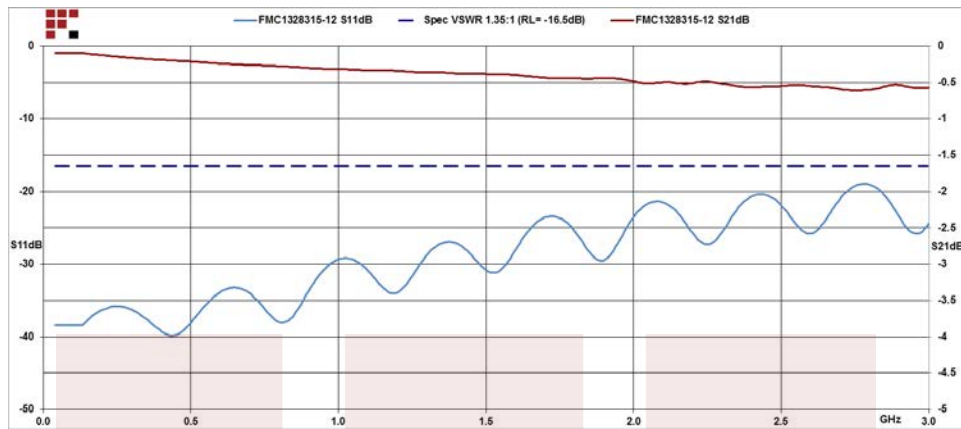


**Configuration:**

- SMA Female
- SMC Plug Right Angle
- RG316

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**Typical Performance Data**



**How to Order**

Part Number Configuration:

**FMC1328315 - xx uu**

cm = Centimeters  
 <blank> = Inches  
 Length

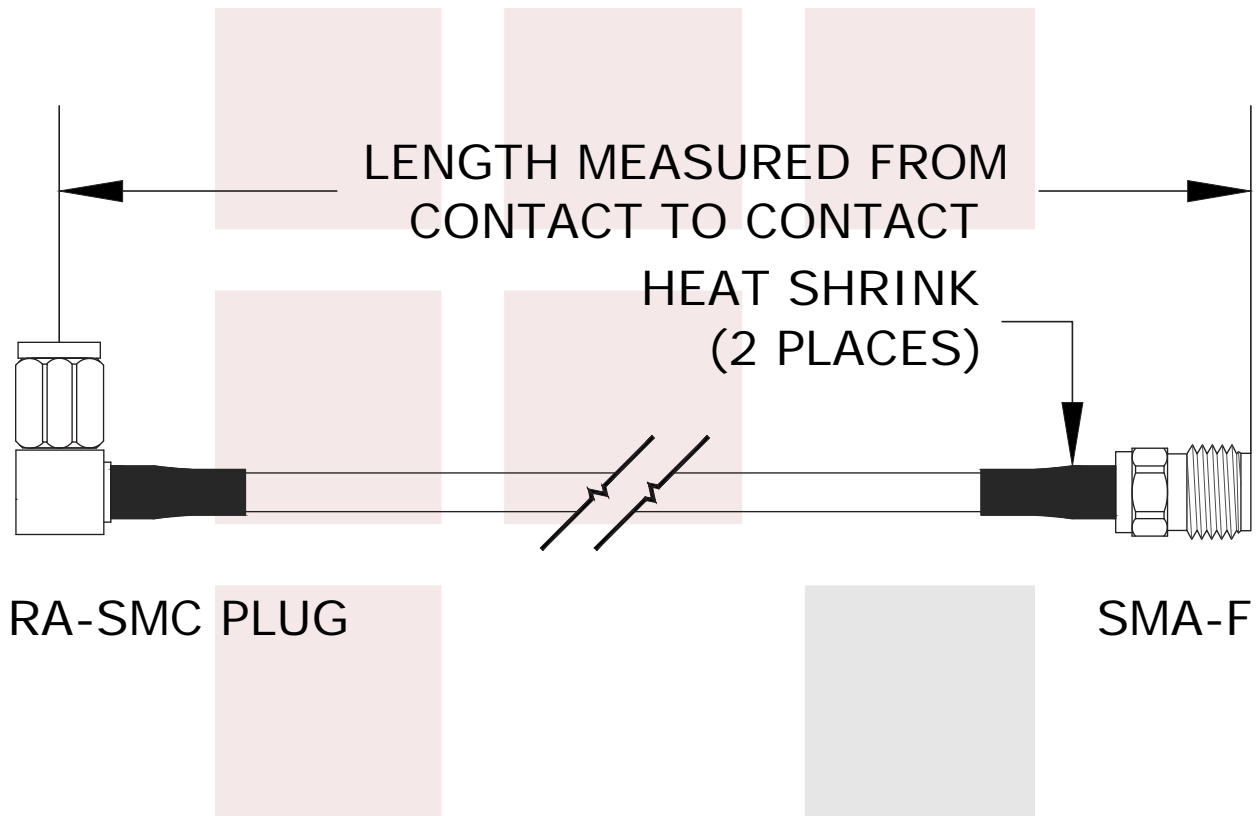
Example: FMC1328315-12 = 12 inches long cable  
 FMC1328315-100cm = 100 cm long cable

SMA Female to RA SMC Plug Cable RG-316 Coax in 24 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: [SMA Female to RA SMC Plug Cable RG-316 Coax in 24 Inch FMC1328315-24](http://www.fairviewmicrowave.com/sma-female-ra-smc-plug-cable-rg316-coax-fmc1328315-24)

URL: <http://www.fairviewmicrowave.com/sma-female-ra-smc-plug-cable-rg316-coax-fmc1328315-24-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.



|   |        |   |       |                    |             |
|---|--------|---|-------|--------------------|-------------|
| <b>FAIRVIEW MICROWAVE INC.</b><br>ALLEN, TX 75013 WWW.FAIRVIEWMICROWAVE.COM |        | NOTES:<br>1. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE NOMINAL.<br>2. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME.<br>3. DIMENSIONS ARE IN INCHES [mm]. |       |                    |             |
| TITLE<br>SMA Female to RA SMC Plug Cable RG-316 Coax in 24 Inch             |        | DWG NO<br>FMC1328315-XX   |       | CAGE CODE<br>3FKR5 |             |
| CAD FILE  | 103014 | SHEET   | SCALE | N/A                | SIZE A 5568 |