

**MMCX Plug to SMA Female Bulkhead Cable**  
**RG-316 Coax in 72 Inch**

**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**

Length 72 in [182.88 cm]  
 Diameter 0.433 in [11 mm]

**Cable**

Cable Type RG-316  
 Impedance 50 Ohms  
 Inner Conductor Type Solid  
 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                       | MMCX Plug       | SMA Female Bulkhead    |
| Impedance                  | 50 Ohms         | 50 Ohms                |
| Contact Material & Plating | Brass, Gold     | Beryllium Copper, Gold |
| Contact Plating Spec.      | 30μ in. minimum | 50μ in. minimum        |
| Dielectric Type            | PTFE            | PTFE                   |
| Hex Size                   |                 | 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 +155 deg C

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

**Plotted and Other Data**

Notes:

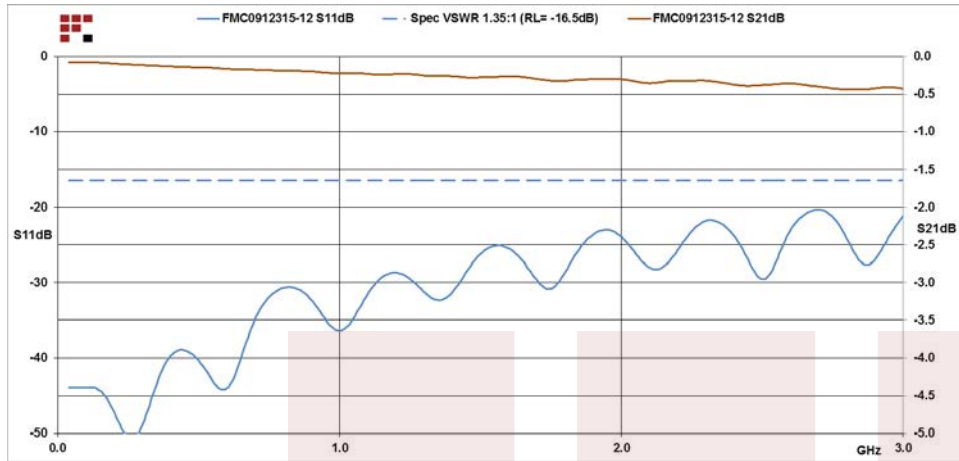


**Configuration:**

- MMCX Plug
- SMA Female Bulkhead
- RG-316

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**Typical Performance Data**



**How to Order**

Part Number Configuration:

**FMC0912315 - xx uu**

cm = Centimeters  
 <blank> = Inches  
 Length

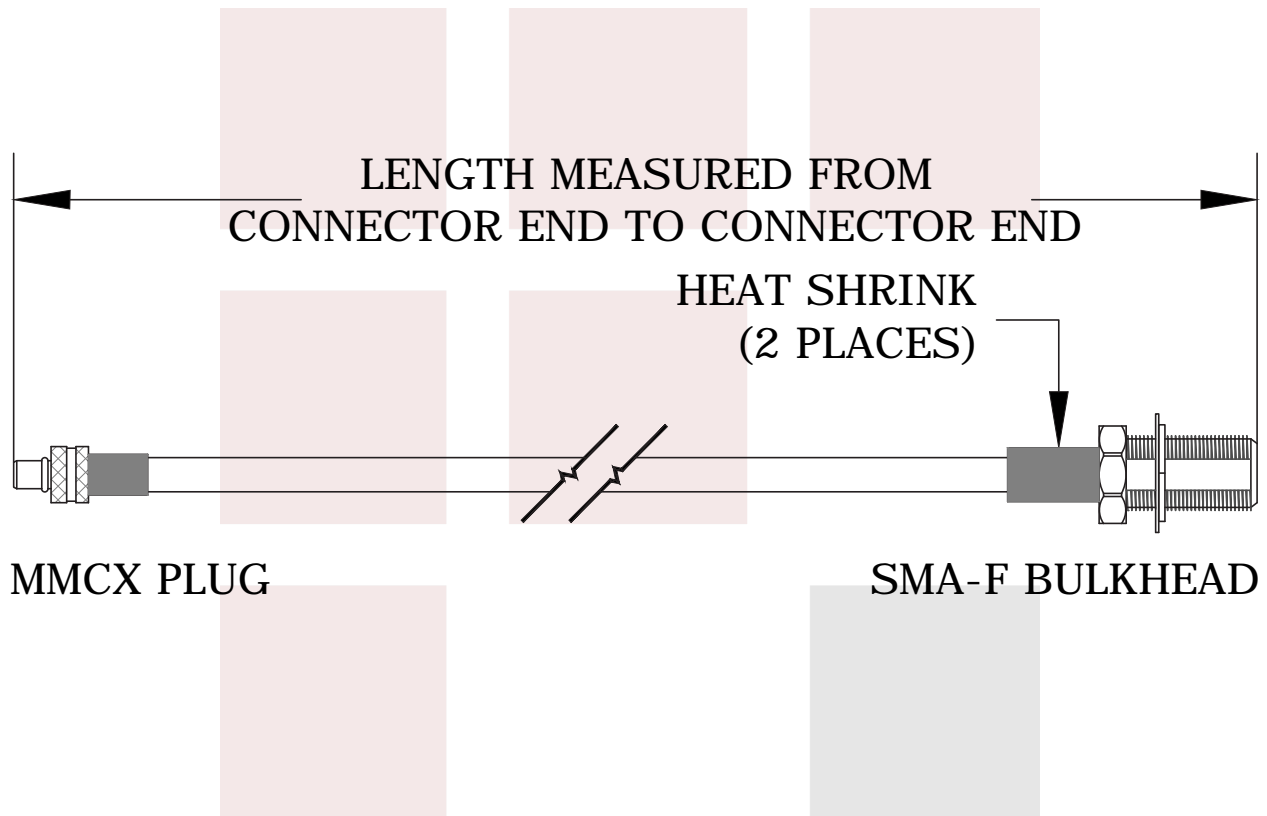
Example: FMC0912315-12 = 12 inches long cable  
 FMC0912315-100cm = 100 cm long cable

MMCX Plug to SMA Female Bulkhead Cable RG-316 Coax in 72 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: [MMCX Plug to SMA Female Bulkhead Cable RG-316 Coax in 72 Inch FMC0912315-72](http://www.fairviewmicrowave.com/mmcx-male-sma-female-cable-rg316-coax-fmc0912315-72)

URL: <http://www.fairviewmicrowave.com/mmcx-male-sma-female-cable-rg316-coax-fmc0912315-72-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>MMCX Plug to SMA Female Bulkhead Cable RG-316<br>Coax in 72 Inch   |        | DWG NO<br><b>FMC0912315</b>   |       | CAGE CODE<br><b>3FKR5</b> |             |
| CAD FILE  | 102814 | SHEET   | SCALE | N/A                       | SIZE A 5568 |