

MMCX Plug to SMA Female Bulkhead Cable RG-316 Coax in 36 Inch with LF Solder

The MMCX plug to SMA female bulkhead 36 inch cable using RG-316 coax, part number FMC0912315LF-36, from Fairview Microwave is in-stock and ships same day. This Fairview MMCX to SMA cable assembly has a plug to female gender configuration with 50 ohm flexible RG-316 coax. Fairview Microwave's flexible RF cable assemblies are ideal for applications where tight bends and continual flexure are required. The FMC0912315LF-36 MMCX plug to SMA female cable assembly operates to 3 GHz. Our RF cable assembly with SMA bulkhead interface allows designers to create external connections on their product enclosures, and can be used in a variety of other rack mount and panel mount applications.

Custom versions of most RF cable assemblies can be built and shipped same day. Custom cable assembly lengths can be obtained by specifying the desired length on the web site at time of order or by contacting a sales representative. Other RF cable assembly value added services including connector orientation or clocking, heat shrink booting and labeling are also available. RF testing can also be performed to document the electrical performance of your cable assembly.

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* | 36 in [914.4 mm] |
| Weight | 0.044 lbs [19.96 g] |

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] |



Configuration:

- MMCX Plug
- SMA Female Bulkhead
- RG-316

Features:

- Max Frequency 3 GHz
- 70% Phase Velocity
- FEP Jacket

Applications:

- General Purpose
- Laboratory Use

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Connectors

| Description | Connector 1 | Connector 2 |
|----------------------------|-----------------|------------------------|
| Type | MMCX Plug | SMA Female |
| Mount Method | | 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 |
| Body Material & Plating | Brass, Gold | Brass, Gold |
| Body Plating Spec. | 3μ in. minimum | 3μ in. minimum |
| Hex Size | | 16-May inch |

Environmental Specifications

Temperature

Operating Range -55 to +155 deg C

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

Plotted and Other Data

Notes:

How to Order

Part Number Configuration: **FMC0912315LF - xx uu**

cm = Centimeters
 <blank> = Inches

Length

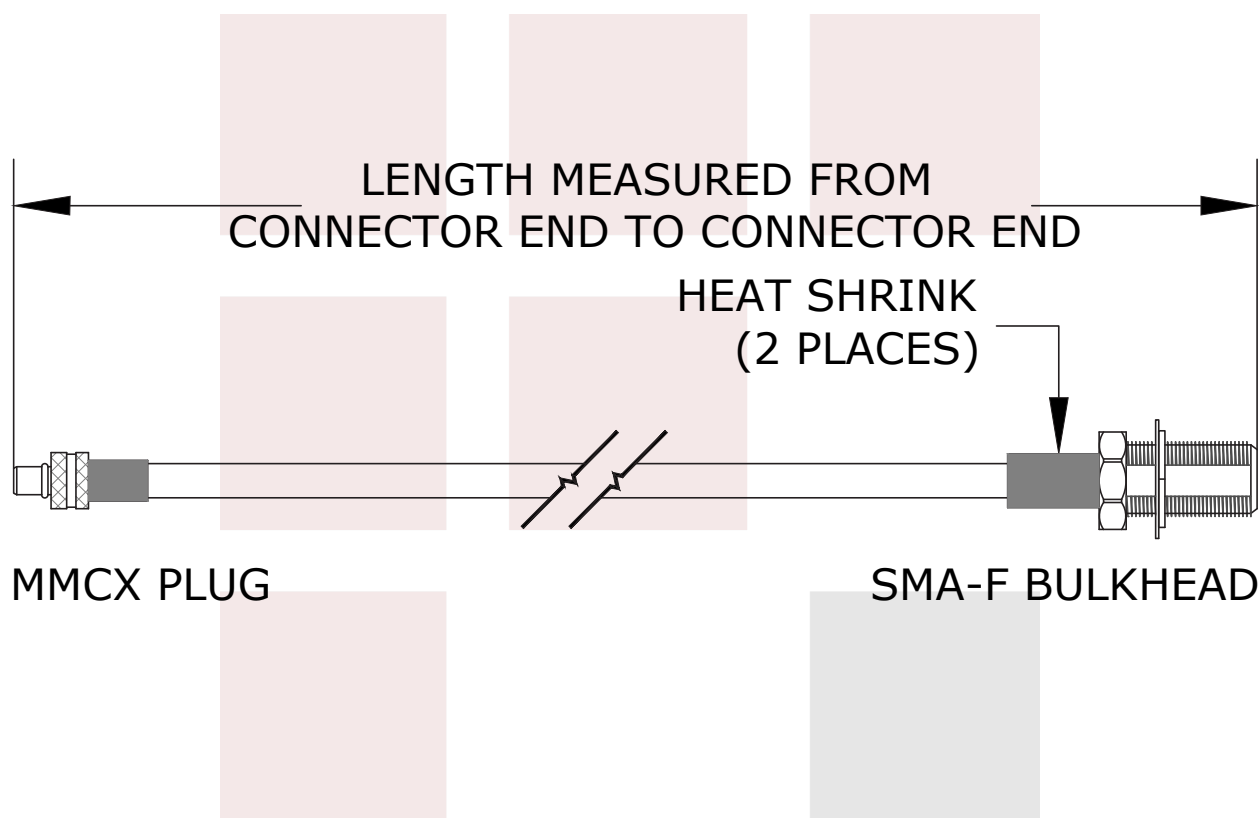
Example: FMC0912315LF-12 = 12 inches long cable
 FMC0912315LF-100cm = 100 cm long cable

MMCX Plug to SMA Female Bulkhead Cable RG-316 Coax in 36 Inch with LF Solder from Fairview Microwave has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave 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 36 Inch with LF Solder FMC0912315LF-36](#)

URL: <https://www.fairviewmicrowave.com/mmcx-plug-to-sma-female-bulkhead-cable-rg-316-coax-in-36-inch-with-lf-solder-fmc0912315lf-36-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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|--|--------|---|-------|--------------------|-------------|
| 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 MMCX Plug to SMA Female Bulkhead Cable RG-316 Coax in 36 Inch with LF Solder | | DWG NO FMC0912315LF | | CAGE CODE 3FKR5 | |
| CAD FILE | 102814 | SHEET | SCALE | N/A | SIZE A 5568 |