

SSMC Plug to SSMC Plug Cable RG-316 Coax in 48 Inch with LF Solder

The SSMC plug to SSMC plug 48 inch cable using RG-316 coax, part number FMCA1226LF-48, from Fairview Microwave is in-stock and ships same day. This Fairview SSMC to SSMC cable assembly has a plug to plug gender configuration with 50 ohm flexible RG316 coax. Fairview Microwave's flexible RF cable assemblies are ideal for applications where tight bends and continual flexure are required. The FMCA1226LF-48 SSMC plug to SSMC plug cable assembly operates to 3 GHz.

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* | 48 in [121.92 cm] |
| Weight | 0.05 lbs [22.68 g] |

Cable

| | |
|--------------------------------------|----------------------------|
| Cable Type | RG316 |
| 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 | SSMC Plug | SSMC Plug |
| Impedance | 50 Ohms | 50 Ohms |
| Contact Material & Plating | Beryllium Copper, Gold | Beryllium Copper, Gold |
| Contact Plating Spec. | 30μ in. minimum | 30μ in. minimum |
| Dielectric Type | PTFE | PTFE |
| Body Material & Plating | Brass, Gold | Brass, Gold |
| Body Plating Spec. | 3μ in. minimum | 3μ in. minimum |



Configuration:

- SSMC Plug
- SSMC Plug
- RG316

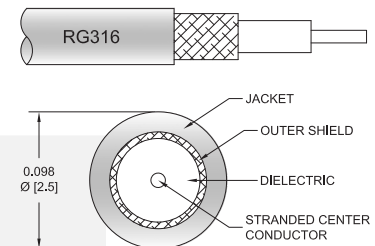
Features:

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

Applications:

- General Purpose
- Laboratory Use

Cable Diagram:



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Environmental Specifications

Temperature

Operating Range -55 to +155 deg C

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

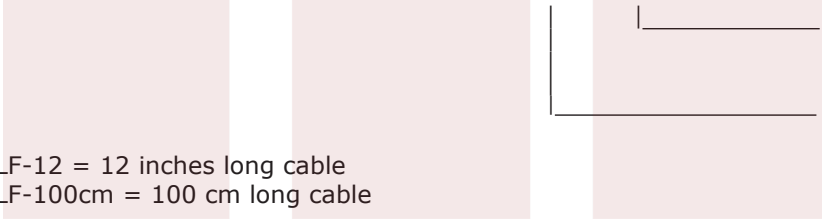
Plotted and Other Data

Notes:

How to Order

Part Number Configuration:

FMCA1226LF - xx uu



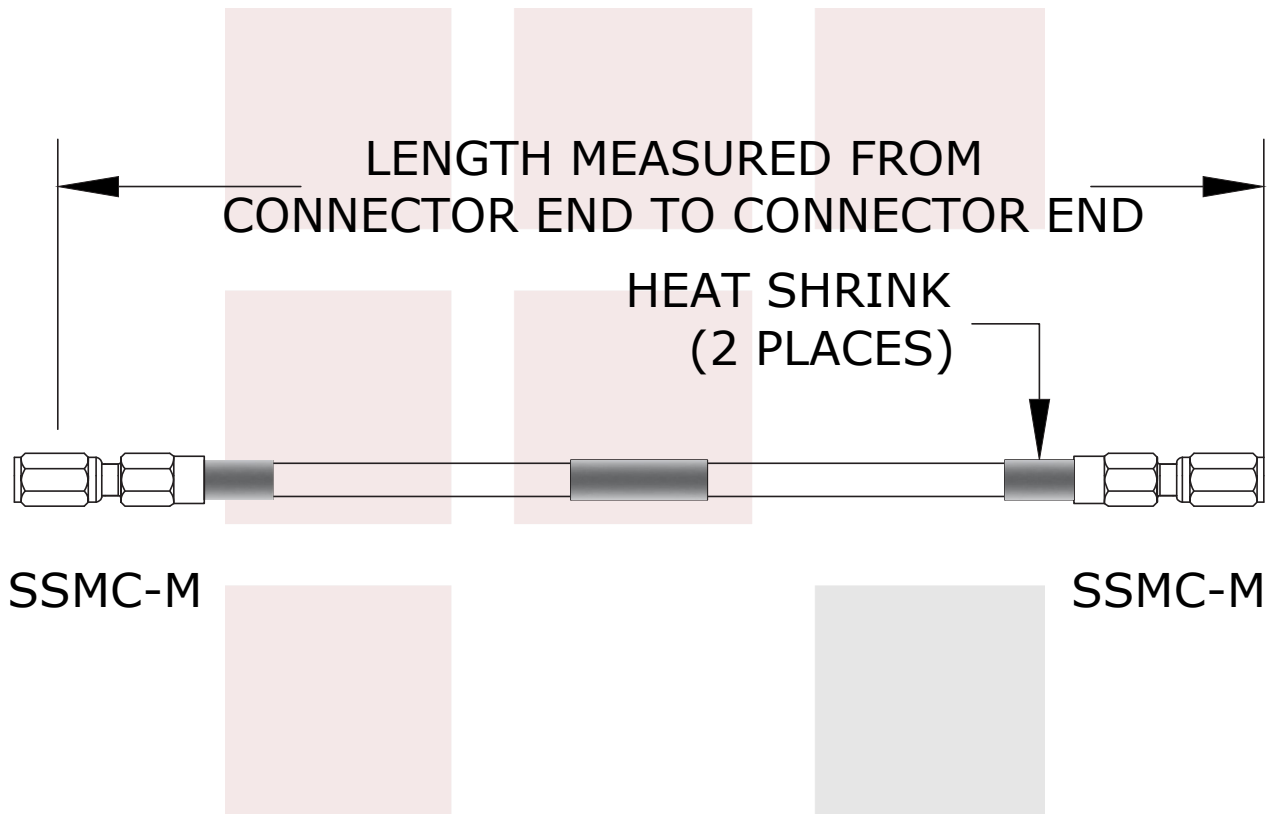
Example: FMCA1226LF-12 = 12 inches long cable
 FMCA1226LF-100cm = 100 cm long cable

SSMC Plug to SSMC Plug Cable RG-316 Coax in 48 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: [SSMC Plug to SSMC Plug Cable RG-316 Coax in 48 Inch with LF Solder FMCA1226LF-48](#)

URL: <https://www.fairviewmicrowave.com/ssmc-plug-ssmc-plug-cable-rg316-coax-fmca1226lf-48-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 SSMC Plug to SSMC Plug Cable RG-316 Coax in 48 Inch with LF Solder | | DWG NO FMCA1226LF | | CAGE CODE 3FKR5 | |
| | | CAD FILE 101414 | SHEET | SCALE N/A | SIZE A 5568 |