

SMA Male to SMA Male Cable LMR-240-UF Coax in 48 Inch

Electrical Specifications

| Description | Min | Typ | Max | Units |
|-------------------------------|-----|--------------|--------|---------------------------------|
| Frequency Range | DC | | 6 | GHz |
| VSWR | | | 1.35:1 | |
| Velocity of Propagation | | 84 | | % |
| RF Shielding | 90 | | | dB |
| Capacitance | | 24.2 [79.4] | | pF/ft [pF/m] |
| Inductance | | 0.06 [0.2] | | uH/ft [uH/m] |
| DC Resistance Inner Conductor | | 4.28 [14.04] | | $\Omega/1000ft$ [Ω/Km] |
| DC Resistance Outer Conductor | | 3.89 [12.76] | | $\Omega/1000ft$ [Ω/Km] |

Mechanical Specifications

Cable Assembly

| | |
|----------|-----------------------|
| Length | 48 in [121.92 cm] |
| Diameter | 0.375 in [9.53 mm] |
| Weight | 0.16774 lbs [76.09 g] |

Cable

| | |
|--------------------------------------|------------------|
| Cable Type | LMR-240-UF |
| Impedance | 50 Ohms |
| Inner Conductor Type | Solid |
| Inner Conductor Material and Plating | Copper |
| Dielectric Type | PE (F) |
| Number of Shields | 2 |
| Shield Layer 1 | Tinned Copper |
| Shield Layer 2 | Aluminum Tape |
| Jacket Material | PE, Black |
| Jacket Diameter | 0.24 in [6.1 mm] |

Connectors

| Description | Connector 1 | Connector 2 |
|----------------------------|------------------------|------------------------|
| Type | SMA Male | SMA Male |
| Configuration | Straight | Straight |
| Polarity | Standard | Standard |
| Impedance | 50 Ohms | 50 Ohms |
| Contact Material & Plating | Beryllium Copper, Gold | Beryllium Copper, Gold |
| Dielectric Type | PTFE | PTFE |
| Hex Size | 5/16 In. | 5/16 In. |
| Body Material & Plating | Stainless Steel | Brass |

Environmental Specifications

Temperature

| | |
|-----------------|------------------|
| Operating Range | -40 to +85 deg C |
|-----------------|------------------|



Configuration:

- SMA Male
- SMA Male
- LMR-240-UF

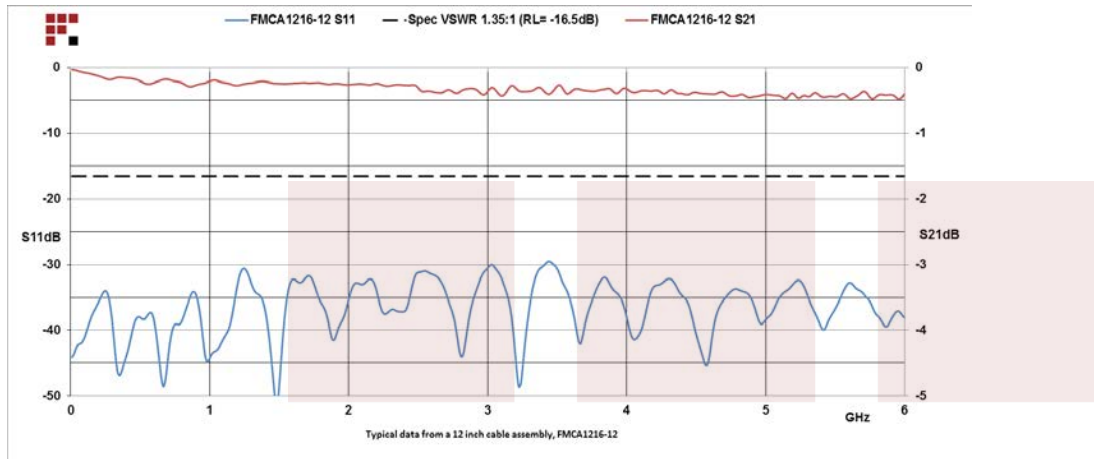
Fairview Microwave
1130 Junction Dr. #100
Allen, TX 75013
Tel: 1-800-715-4396 / (972) 649-6678
Fax: (972) 649-6689
www.fairviewmicrowave.com
sales@fairviewmicrowave.com

Compliance Certifications (visit www.FairviewMicrowave.com for current document)

Plotted and Other Data

Notes:

Typical Performance Data



How to Order

Part Number Configuration:

FMCA1216 - xx uu

cm = Centimeters
 <blank> = Inches
 Length

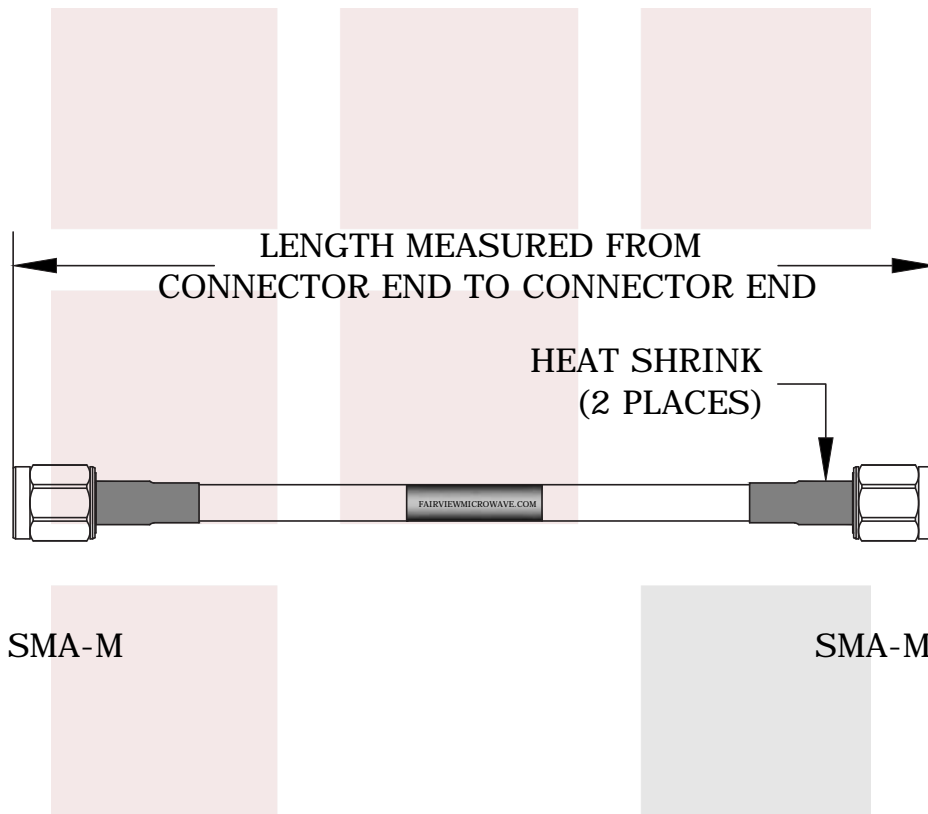
Example: FMCA1216-12 = 12 inches long cable
 FMCA1216-100cm = 100 cm long cable

SMA Male to SMA Male Cable LMR-240-UF Coax in 48 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 Male to SMA Male Cable LMR-240-UF Coax in 48 Inch FMCA1216-48](http://www.fairviewmicrowave.com/standard-sma-male-sma-male-cable-lmr240uf-coax-fmca1216-48)

URL: <http://www.fairviewmicrowave.com/standard-sma-male-sma-male-cable-lmr240uf-coax-fmca1216-48-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 SMA Male to SMA Male Cable LMR-240-UF Coax in 48 Inch | | DWG NO FMCA1216 | | CAGE CODE 3FKR5 | |
| CAD FILE | 040416 | SHEET | SCALE | N/A | SIZE A 5568 |