

RA SMA Male to BNC Male Cable LMR-240 Coax in 12 Inch with Times Microwave Connectors

Electrical Specifications

| Description | Min | Typ | Max | Units |
|-------------------------------|-----|--------------|-----|---------------------------------|
| Frequency Range | DC | | 2.5 | GHz |
| 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 | | 3.2 [10.5] | | $\Omega/1000ft$ [Ω/Km] |
| DC Resistance Outer Conductor | | 3.89 [12.76] | | $\Omega/1000ft$ [Ω/Km] |

Mechanical Specifications

Cable Assembly

| | |
|----------|--------------------|
| Length* | 12 in [304.8 mm] |
| Diameter | 0.65 in [16.51 mm] |
| Weight | 0.08 lbs [36.29 g] |

Cable

| | |
|--------------------------------------|------------------|
| Cable Type | LMR-240 |
| Impedance | 50 Ohms |
| Inner Conductor Type | Solid |
| Inner Conductor Material and Plating | Copper |
| Dielectric Type | PE (F) |
| Number of Shields | 1 |
| 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 | BNC Male |
| Impedance | 50 Ohms | 50 Ohms |
| Contact Material & Plating | Phosphor Bronze, Gold | Brass, Gold |
| Contact Plating Spec. | MIL-G-45204 | |
| Dielectric Type | Teflon | PTFE |
| Body Material & Plating | Brass, Nickel | Brass, Tri-Metal |
| Body Plating Spec. | QQ-N-290 | |

Mechanical Specification Notes:

*All cable assemblies have a length tolerance of 1.5% or $\pm 3/8"$, whichever is greater.

Environmental Specifications

Temperature

| | |
|-----------------|------------------|
| Operating Range | -65 to +85 deg C |
|-----------------|------------------|



Configuration:

- SMA Male Right Angle
- BNC Male
- LMR-240

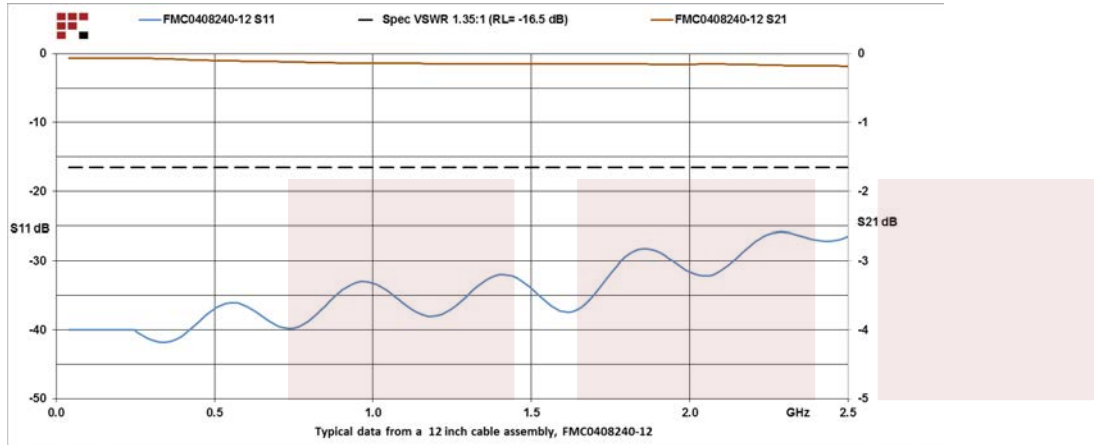
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Compliance Certifications (see [product page](#) for current document)

Plotted and Other Data

Notes:

Typical Performance Data



How to Order

Part Number Configuration:

FMC0408240 - xx uu

cm = Centimeters
 <blank> = Inches
 Length

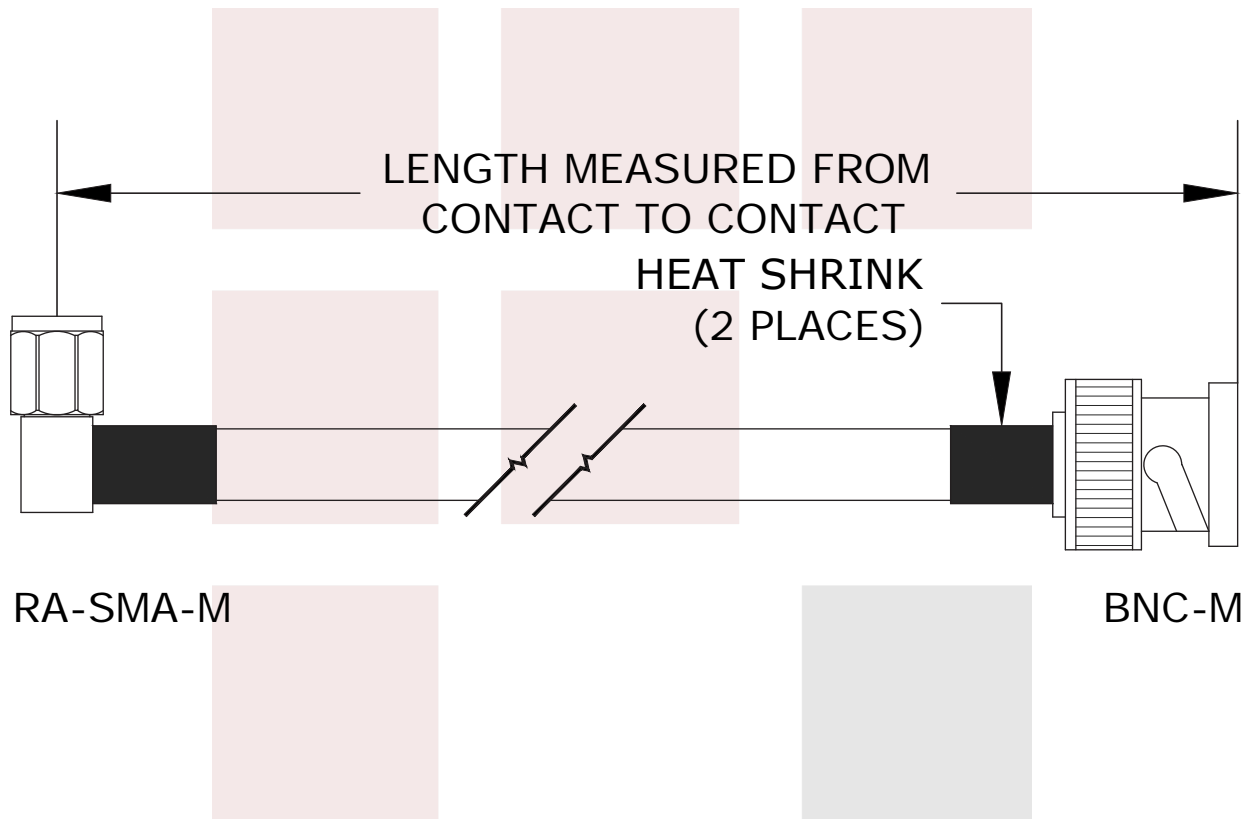
Example: FMC0408240-12 = 12 inches long cable
 FMC0408240-100cm = 100 cm long cable

RA SMA Male to BNC Male Cable LMR-240 Coax in 12 Inch with Times Microwave Connectors 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: [RA SMA Male to BNC Male Cable LMR-240 Coax in 12 Inch with Times Microwave Connectors FMC0408240-12](#)

URL: <https://www.fairviewmicrowave.com/ra-sma-male-bnc-male-cable-times-lmr-240-coax-fmc0408240-12-p.asp>

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 RA SMA Male to BNC Male Cable LMR-240 Coax in 12 Inch with Times Microwave Connectors | | DWG NO FMC0408240 | | CAGE CODE 3FKR5 | |
| CAD FILE | 102114 | SHEET | SCALE | N/A | SIZE A 5568 |