

SMA Male to TNC Male Cable RG-223 Coax

Electrical Specifications

| Description | Min | Typ | Max | Units |
|-------------------------|----------------|-----|--------|--------------|
| Frequency Range | DC | | 6 | GHz |
| VSWR | | | 1.35:1 | |
| Velocity of Propagation | | 66 | | % |
| Capacitance | 30.94 [101.51] | | | pF/ft [pF/m] |

Mechanical Specifications

Cable Assembly

| | |
|----------|----------------------|
| Diameter | 0.59 in [14.99 mm] |
| Weight | 0.04145 lbs [18.8 g] |

Cable

| | |
|--------------------------------------|--------------------|
| Cable Type | RG-223 |
| Impedance | 50 Ohms |
| Inner Conductor Type | Solid |
| Inner Conductor Material and Plating | Copper, Silver |
| Dielectric Type | PE |
| Number of Shields | 2 |
| Jacket Material | PVC, Black |
| Jacket Diameter | 0.209 in [5.31 mm] |

Connectors

| Description | Connector 1 | Connector 2 |
|----------------------------|--------------------|---------------|
| Type | SMA Male | TNC Male |
| Polarity | Standard | Standard |
| Impedance | 50 Ohms | 50 Ohms |
| Contact Material & Plating | Brass, Gold | Brass, Gold |
| Contact Plating Spec. | 50µ in. minimum | MIL-G-45204 |
| Dielectric Type | PTFE | PTFE |
| Hex Size | 5/16 inch | |
| Torque | 4 in-lbs [0.45 Nm] | |
| Body Material & Plating | Brass, Gold | Brass, Nickel |
| Body Plating Spec. | 3µ in. minimum | |

Environmental Specifications

Temperature

Operating Range -65 to +165 deg C

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

Plotted and Other Data

Notes:

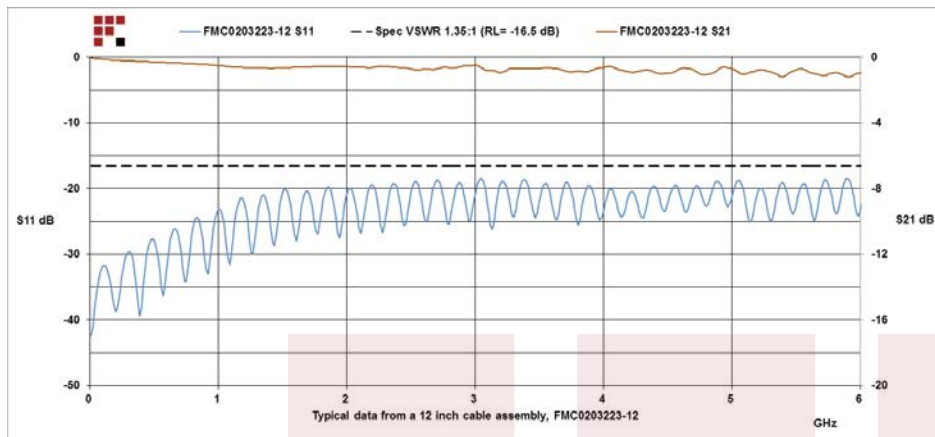


Configuration:

- SMA Male
- TNC Male
- RG-223

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Typical Performance Data



How to Order

Part Number Configuration:

FMC0203223 - xx uu

cm = Centimeters
 <blank> = Inches
 Length

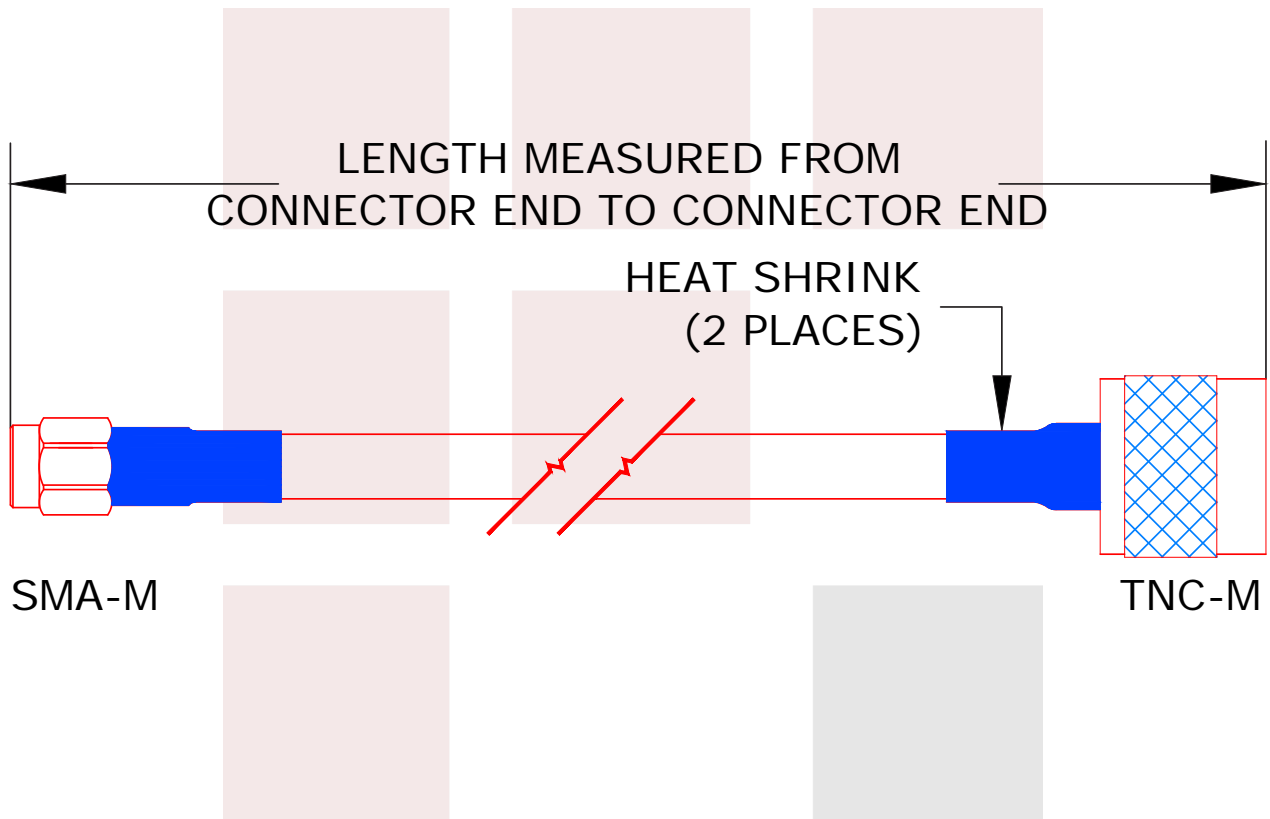
Example: FMC0203223-12 = 12 inches long cable
 FMC0203223-100cm = 100 cm long cable

SMA Male to TNC Male Cable RG-223 Coax 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 TNC Male Cable RG-223 Coax FMC0203223](http://www.fairviewmicrowave.com/sma-male-tnc-male-cable-rg223-coax-fmc0203223)

URL: <http://www.fairviewmicrowave.com/sma-male-tnc-male-cable-rg223-coax-fmc0203223-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 SMA Male to TNC Male Cable RG-223 Coax | | DWG NO FMC0203223-XX | | CAGE CODE 3FKR5 | |
| CAD FILE | 101414 | SHEET | SCALE | N/A | SIZE A 5568 |