

**N Male to TNC Male Cable RG-223 Coax**

**Electrical Specifications**

Description	Min	Typ	Max	Units
Frequency Range	DC		2	GHz
VSWR			1.35:1	
Velocity of Propagation		66		%
Capacitance	30.94 [101.51]			pF/ft [pF/m]

**Mechanical Specifications**

**Cable Assembly**

Diameter	0.78 in [19.81 mm]
Weight	0.11067 lbs [50.2 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
Shield Layer 1	Silver Plated Copper Braid
Shield Layer 2	Silver Plated Copper Braid
Jacket Material	PVC, Black
Jacket Diameter	0.209 in [5.31 mm]

**Connectors**

Description	Connector 1	Connector 2
Type	N Male	TNC Male
Polarity	Standard	Standard
Impedance	50 Ohms	50 Ohms
Contact Material & Plating	Brass, Gold	Brass, Gold
Contact Plating Spec.	MIL-G-45204	MIL-G-45204
Dielectric Type	Teflon	Teflon
Body Material & Plating	Brass, Nickel	Brass, Nickel
Body Plating Spec.	QQ-N-290	QQ-N-290

**Environmental Specifications**

**Temperature**

Operating Range	-40 to +85 deg C
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**Compliance Certifications** (visit [www.FairviewMicrowave.com](http://www.FairviewMicrowave.com) for current document)

**Plotted and Other Data**

Notes:

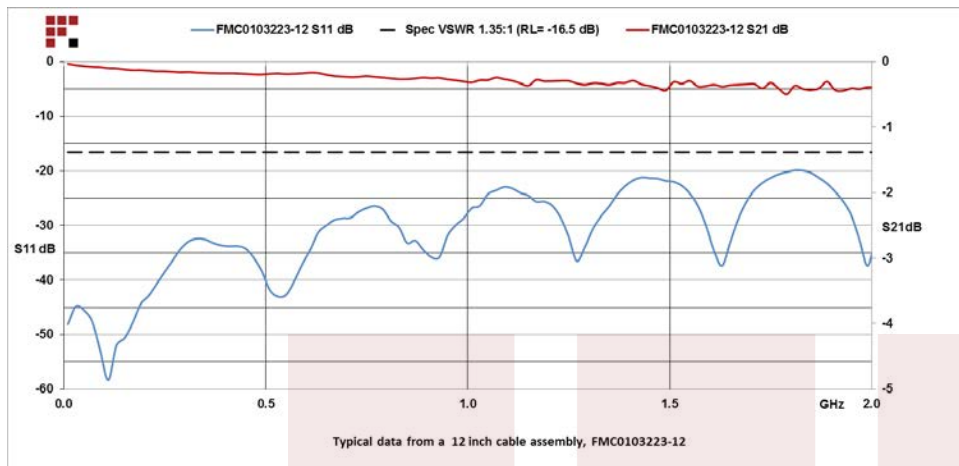


**Configuration:**

- N Male
- TNC Male
- RG-223

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**Typical Performance Data**



**How to Order**

Part Number Configuration:

**FMC0103223 - xx uu**

cm = Centimeters  
<blank> = Inches  
Length

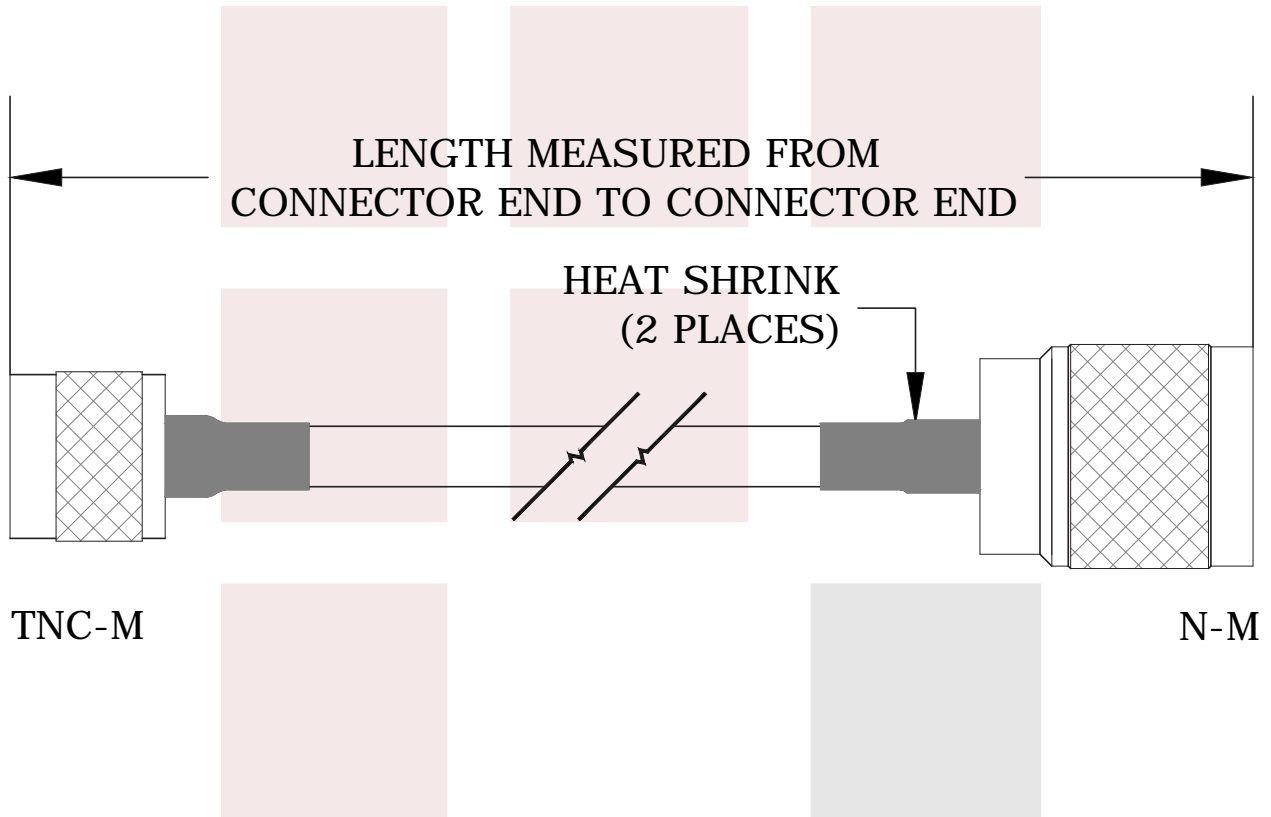
Example: FMC0103223-12 = 12 inches long cable  
FMC0103223-100cm = 100 cm long cable

N 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: [N Male to TNC Male Cable RG-223 Coax FMC0103223](#)

URL: <http://www.fairviewmicrowave.com/n-male-tnc-male-cable-rg223-coax-fmc0103223-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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TITLE N Male to TNC Male Cable RG-223 Coax		DWG NO <b>FMC0103223</b>		CAGE CODE <b>3FKR5</b>	
CAD FILE	101314	SHEET		SCALE	N/A
				SIZE	A
					5568