

N Male to SMA Male Cable RG-223 Coax in 6 Inch

The type N male to SMA male 6 inch cable using RG223 coax, part number FMC0102223LF-06, from Fairview Microwave is in-stock and ships same day. This Fairview type N to SMA cable assembly has a male to male gender configuration with 50 ohm flexible RG-223 coax. Fairview Microwave's flexible RF cable assemblies are ideal for applications where tight bends and continual flexure are required. The FMC0102223LF-06 type N male to SMA male cable assembly operates to 6 GHz. The double shielding of this Fairview cable assembly provides excellent shielding effectiveness.

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		6	GHz
Velocity of Propagation		66		%
Capacitance	30.94	[101.51]		pF/ft [pF/m]

Mechanical Specifications

Cable Assembly

Length*	6 in [152.4 mm]
Weight	0.13 lbs [58.97 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]



Configuration:

- N Male
- SMA Male
- RG-223

Features:

- Max Frequency 6 GHz
- 66% Phase Velocity
- Double Shielded
- PVC Jacket

Applications:

- General Purpose
- Laboratory Use

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Connectors

Description	Connector 1	Connector 2
Type	N Male	SMA Male
Configuration	Straight	Straight
Impedance	50 Ohms	50 Ohms
Contact Material & Plating	Brass, Gold	Brass, Gold
Contact Plating Spec.	MIL-G-45204	50μ in. minimum
Dielectric Type	Teflon	Teflon
Body Material & Plating	Brass, Nickel	Brass, Gold
Body Plating Spec.	QQ-N-290	3μ in. minimum
Hex Size		5/16 inch
Torque		4 in-lbs 0.45 Nm

Environmental Specifications

Temperature

Operating Range -40 to +85 deg C

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

Plotted and Other Data

Notes:

How to Order

Part Number Configuration: **FMC0102223LF - xx uu**

cm = Centimeters

<blank> = Inches

Length

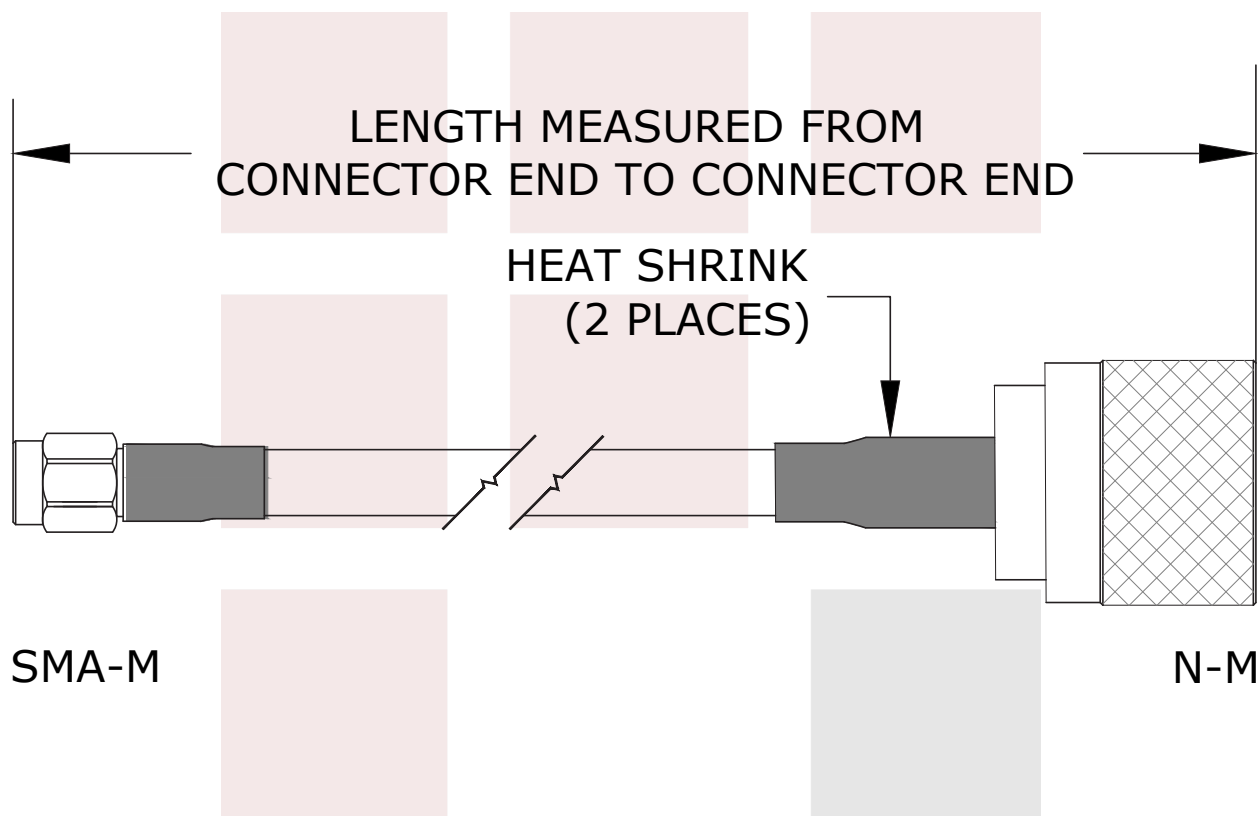
Example: FMC0102223LF-12 = 12 inches long cable
 FMC0102223LF-100cm = 100 cm long cable

N Male to SMA Male Cable RG-223 Coax in 6 Inch 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: [N Male to SMA Male Cable RG-223 Coax in 6 Inch FMC0102223LF-06](#)

URL: <https://www.fairviewmicrowave.com/standard-n-male-sma-male-cable-rg223-coax-fmc0102223lf-06-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 SMA Male Cable RG-223 Coax in 6 Inch		DWG NO FMC0102223LF		CAGE CODE 3FKR5	
CAD FILE	101314	SHEET	SCALE	N/A	SIZE A 5568