

SMA Male to SMA Male Cable RG-223 Coax in 18

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	18 in [457.2 mm]
Diameter	0.3125 in [7.94 mm]

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	SMA Male	SMA Male
Impedance	50 Ohms	50 Ohms
Configuration	Straight	Straight
Contact Material & Plating	Brass, Gold	Brass, Gold
Contact Plating Spec.	50μ in. minimum	50μ in. minimum
Dielectric Type	Teflon	Teflon
Hex Size	5/16 inch	5/16 inch
Torque	4 in-lbs [0.45 Nm]	4 in-lbs [0.45 Nm]
Body Material & Plating	Brass, Gold	Brass, Gold
Body Plating Spec.	3μ in. minimum	3μ in. minimum

Environmental Specifications

Temperature

Operating Range	-65 to +165 deg C
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Compliance Certifications (visit www.FairviewMicrowave.com for current document)

Plotted and Other Data

Notes:

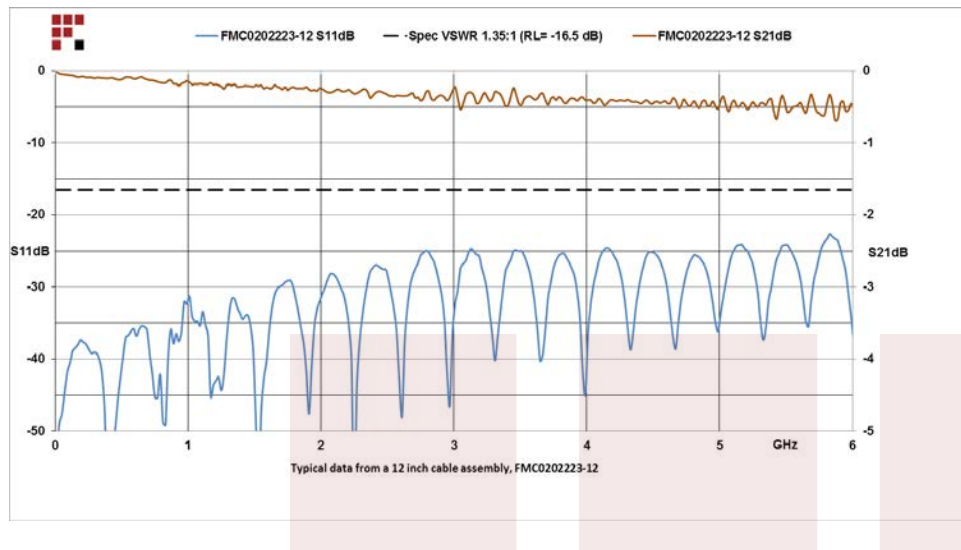


Configuration:

- SMA Male
- SMA Male
- RG-223

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Typical Performance Data



How to Order

Part Number Configuration:

FMC020223 - xx uu

cm = Centimeters
<blank> = Inches

Length

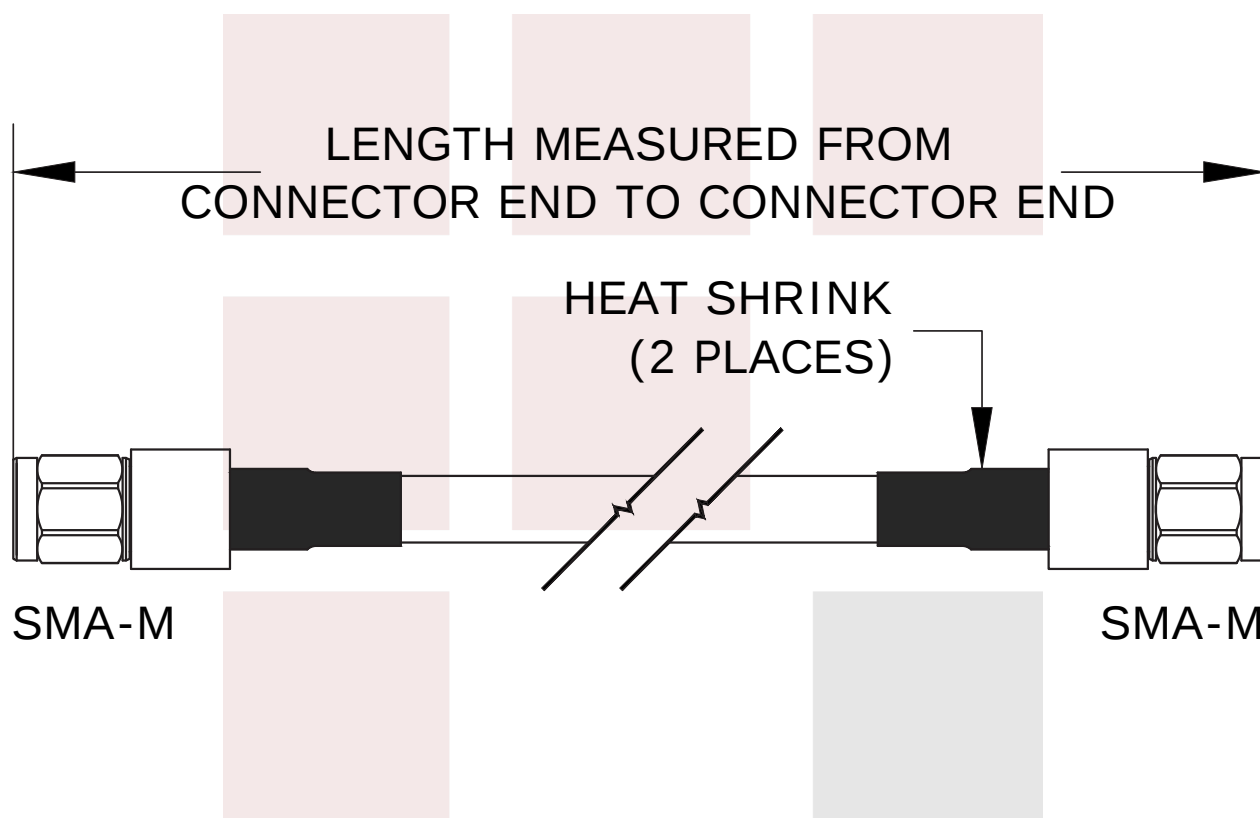
Example: FMC020223-12 = 12 inches long cable
FMC020223-100cm = 100 cm long cable

SMA Male to SMA Male Cable RG-223 Coax in 18 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 RG-223 Coax in 18 FMC020223-18](#)

URL:

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 SMA Male to SMA Male Cable RG-223 Coax in 18		DWG NO FMC020223-XX		CAGE CODE 3FKR5	
CAD FILE	101414	SHEET	SCALE	N/A	SIZE A 5568