

## SMA Male to Reverse Polarity SMA Male Cable in 100 CM Length Using RG223 Coax

The SMA male to RP SMA male cable using RG223 coax, part number FMCA2779-100CM, from Fairview Microwave is in-stock and ships same day. This Fairview SMA to reverse polarity SMA cable assembly has a male to male gender configuration with 50 ohm flexible RG223 coax. Fairview Microwave's flexible RF cable assemblies are ideal for applications where tight bends and continual flexure are required. 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
Velocity of Propagation		66		%
Capacitance		30.8 [101.05]		pF/ft [pF/m]

### Mechanical Specifications

#### Cable Assembly

Length*	39.37 in [100 cm]
Weight	0.1368 lbs [62.05 g]

#### Cable

Cable Type	RG223
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	0.21 in [5.33 mm]

One Time Minimum Bend Radius	1 in [25.4 mm]
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### Configuration:

- SMA Male
- SMA Male Reverse Polarity
- RG223

### Features:

- 66% Phase Velocity
- Double Shielded
- PVC Jacket

### Applications:

- General Purpose
- Laboratory Use

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**Connectors**

Description	Connector 1	Connector 2
Type	SMA Male	SMA Male
Polarity		Reverse Polarity
Specification	MIL-STD-348A	
Impedance	50 Ohms	50 Ohms
Contact Material & Plating	Brass, Gold	Gold
Contact Plating Spec.	50μ in. minimum	
Dielectric Type	Teflon	PTFE
Body Material & Plating	Brass, Nickel	Brass, Nickel
Body Plating Spec.	100μ in. minimum	
Coupling Nut Material & Plating		Brass, Nickel
Hex Size	5/16 in	5/16 in.
Torque	5 in-lbs 0.57 Nm	5 in-lbs 0.57 Nm

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

**Plotted and Other Data**

Notes:

- Values at 25°C, sea level.

**How to Order**

Part Number Configuration:

**FMCA2779 - xx uu**

cm = Centimeters  
 <blank> = Inches

Length

Example: FMCA2779-12 = 12 inches long cable  
 FMCA2779-100cm = 100 cm long cable

SMA Male to Reverse Polarity SMA Male Cable in 100 CM Length Using RG223 Coax 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: [SMA Male to Reverse Polarity SMA Male Cable in 100 CM Length Using RG223 Coax FMCA2779-100CM](#)

URL: <https://www.fairviewmicrowave.com/sma-male-to-rp-sma-male-cable-rg223-coax-in-100-cm-and-rohs-fmca2779-100cm-p.aspx>

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