

FMCA2779-100CM **DATA SHEET**

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	Тур	Max	Units
Velocity of Propagation		66		%
Capacitance	31	0.8 [<mark>101.</mark> 0	5]	pF/ft [pF/m]

Mechanical Specifications

Cable Assembly

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

Cable

Cable Type **Impedance** Inner Conductor Type Inner Conductor Material and Plating Dielectric Type Number of Shields Shield Layer 1 Shield Layer 2

Jacket Material Jacket Diameter

One Time Minimum Bend Radius

RG223 50 Ohms Solid

Copper, Silver

PΕ 2

> Silver Plated Copper Braid Silver Plated Copper Braid

PVC, Black

0.21 in [5.33 mm]

1 in [25.4 mm]



Configuration:

- SMA Male
- SMA Male Reverse Polarity
- RG223

Features:

- 66% Phase Velocity
- Double Shielded
- PVC Jacket

Applications:

- General Purpose
- · Laboratory Use

Fairview Microwave 301 Leora Ln., Suite 100 Lewisville, TX 75056 Tel: 1-800-715-4396 / (972) 649-6678 Fax: (972) 649-6689

www.fairviewmicrowave.com sales@fairviewmicrowave.com

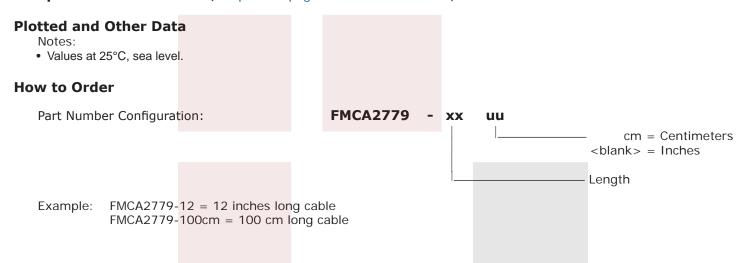




Connectors

Description Connector 1		Connector 2	
Туре	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	l	
Dielectric Type	Teflon	PTFE	
Body Material & Plating	Brass, Nickel	Brass, Nickel	
Body Plating Spec.	100µ in. minimun	า	
Coupling Nut Material & Pla	ating	Brass, Nickel	
Hex Size	5/16 in	5/16 in.	
Torque	5 in-lbs 0.57 Nm	n 5 in-lbs 0.57 Nm	

Compliance Certifications (see product page for current document)



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

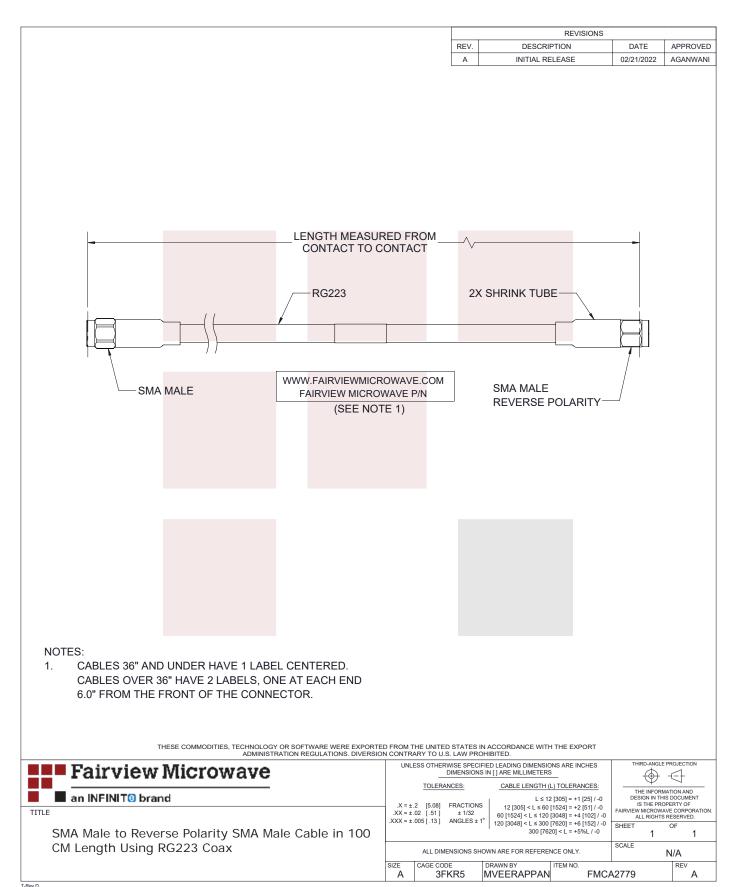
URL: https://www.fairviewmicrowave.com/sma-male-to-rp-sma-male-cable-rg223-coax-in-100-cm-and-rohs-fmca2779-100cm-p.aspx

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.

301 Leora Ln., Suite 100, Lewisville, TX 75056 | Tel: 1-800-715-4396 / (972) 649-6678 / Fax: (972) 649-6689







301 Leora Ln., Suite 100, Lewisville, TX 75056 | Tel: 1-800-715-4396 / (972) 649-6678 / Fax: (972) 649-6689