

# FMCA2785-150CM DATA SHEET

# N Male to Reverse Polarity SMA Male Cable in 150 CM Length Using RG223 Coax

The type N male to RP SMA male cable using RG223 coax, part number FMCA2785-150CM, from Fairview Microwave is in-stock and ships same day. This Fairview type N 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	Мах	U	nits
Velocity of Propagation		66			%
Capacitance	30	).8 [ <mark>101.0</mark>	5]	pF/ft	[pF/m]

#### **Mechanical Specifications**

Cable Assembly Length* Weight		59.06 in [150.01 cm] 0.1986 lbs [90.08 g]
<b>Cable</b> Cable Type Impedance Inner Conductor Type Inner Conductor Materi Dielectric Type Number of Shields Shield Layer 1 Shield Layer 2 Jacket Material Jacket Diameter	al and Plating	RG223 50 Ohms Solid Copper, Silver PE 2 Silver Plated Copper Braid Silver Plated Copper Braid PVC, Black 0.209 in [5.31 mm]
Repeated Minimum Ber	nd Radius	1 in [25.4 mm]



## **Configuration:**

- N 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

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#### Connectors

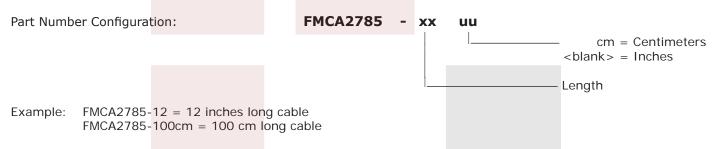
Description	Connecto	r 1	Connector 2
Туре	N Male		SMA Male
Polarity			Reverse Polarity
Specification	MIL-STD-34	18A	MIL-STD-348
Impedance	50 Ohms	5	50 Ohms
Contact Material & Plating	Brass, Go	d	Gold
Contact Plating Spec.	30 µin		MIL-G-45204
Dielectric Type	PTFE		PTFE
Body Material & Plating	Brass, Tri-M	etal	Brass, Nickel
Body Plating Spec.			QQ-N-290
Coupling Nut Material & Pla	iting Brass, Tri-M	etal	Brass, Nickel
Coupling Nut Plating Spec.			QQ-N-290
Hex Size	18 mm		5/16 inch
Torque	9 in-lbs 1.02	2 Nm	3 in-lbs 0.34 Nm

Compliance Certifications (see product page for current document)

### **Plotted and Other Data**

Notes:

### **How to Order**



N Male to Reverse Polarity SMA Male Cable in 150 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: N Male to Reverse Polarity SMA Male Cable in 150 CM Length Using RG223 Coax FMCA2785-150CM

URL: https://www.fairviewmicrowave.com/n-male-to-rp-sma-male-cable-rg223-coax-in-150-cm-fmca2785-150cm-p. aspx

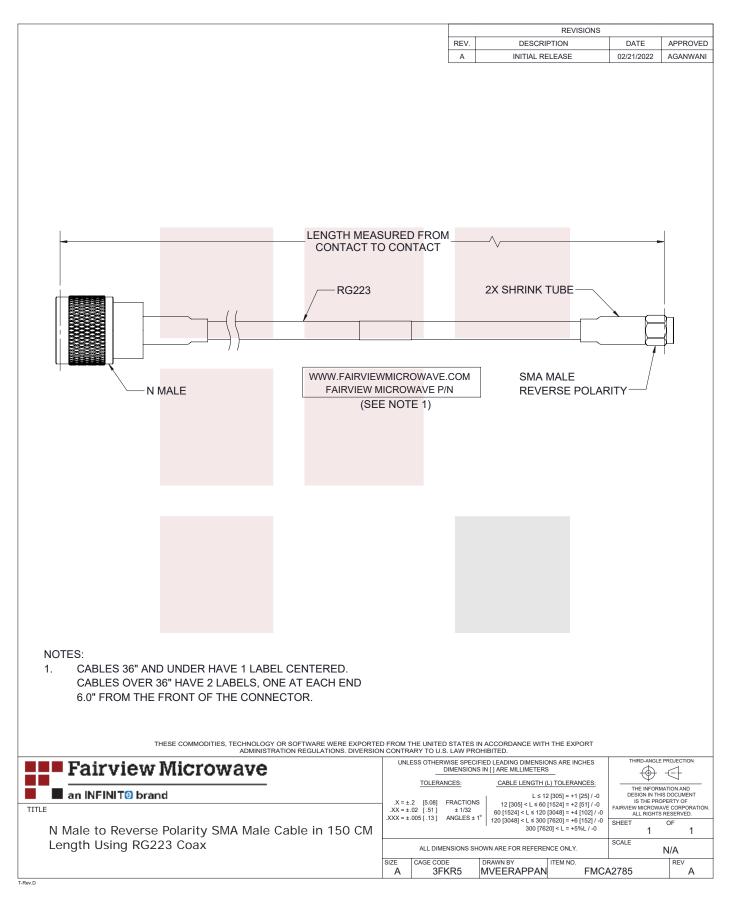
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