

N Male to RA N Male Cable RG402 Type .141 Coax in 50 CM

The type N male to RA type N male 50 cm cable using RG402 type .141 coax, part number FMCA2808-50CM, from Fairview Microwave is in-stock and ships same day. This Fairview type N to type N cable assembly has a male to male gender configuration with 50 ohm semi-rigid FM-SR141CU-STR coax. Fairview Microwave's semi-rigid RF cable assemblies are ideal for high performance applications and can be formed, using proper tooling, to the routing pattern required. The FMCA2808-50CM type N male to type N male cable assembly operates to 11 GHz. The right angle type N interface on the FM-SR141CU-STR cable allows for easier connections in tight spaces.

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

Min	Т	ур Мах	Units
DC		11	GHz
		1.5:1	
	29.9	[98.1]	pF/ft [pF/m]
		DC	DC 11

Performance by Frequency

Description	F1	F2	F3	F4	F5	Units
Frequency	1	2.5	5	11		GHz
Insertion Loss (Typ.)	0.5	0.59	0.74	1.05		dB

Electrical Specification Notes:

The Insertion Loss data above is based on the performance specifications of the coax cable and connectors used in this assembly. The Insertion Loss includes an estimated insertion loss of 0.1 dB for the straight connector and 0.2 dB for the right angle connector.

Mechanical Specifications

Cable Assembly

Length* Weight

Cable

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

19.68 in [499.87 mm] 0.202 lbs [91.63 g]

FM-SR141CU-STR 50 Ohms Solid Copper Clad Steel, Silver PTFE 1 Copper

FMCA2808-50CM DATA SHEET



Configuration:

- N Male
- N Male Right Angle
- FM-SR141CU-STR

Features:

Max Frequency 11 GHz

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	N Male		N Male		
Specification	MIL-STD-348A				
Impedance	50 Ohms		50 Ohms		
Contact Material & Plating	Brass, Gold		Gold		
Contact Plating Spec.	30μ in. minimum				
Dielectric Type	Teflon		PTFE		
Body Material & Plating	Brass, Gold		Brass, Gold		
Coupling Nut Material & Plating			Brass, Nickel		

Compliance Certifications (see product page for current document)

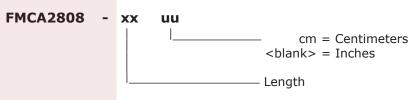
Plotted and Other Data

Notes:

Values at 25°C, sea level.

How to Order

Part Number Configuration:



Example: FMCA2808-12 = 12 inches long cable

FMCA2808-100cm = 100 cm long cable

N Male to RA N Male Cable RG402 Type .141 Coax in 50 CM 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 RA N Male Cable RG402 Type .141 Coax in 50 CM FMCA2808-50CM

URL: https://www.fairviewmicrowave.com/n-male-to-ra-n-male-cable-rg402-type-.141-coax-fmca2808-50cm-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

Copyright © 2020

REV 1.0 Page 2 of 3





