



N Male to RA N Male Cable RG-214 Coax with LF Solder

The type N male to RA type N male cable using RG-214 coax, part number FMCA3208, 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 flexible RG-214 coax. Fairview Microwave's flexible RF cable assemblies are ideal for applications where tight bends and continual flexure are required. The FMCA3208 type N male to type N male cable assembly operates to 11 GHz. The right angle type N interface on the RG-214 cable allows for easier connections in tight spaces. 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	Т	ур	Max	Units
Frequency Range	DC			11	GHz
VSWR				1.5:1	
Velocity of Propagation		66		%	
Capacitance		30.8 [101.05]		pF/ft [pF/m]	
Operating Voltage (AC)				1,000	Vrms

Performance by Frequency

Description	F1	F2	F3	F4	F5	Units
Frequency	0.5	1	2.5	5	10	GHz
Insertion Loss (Typ.)	0.044	0.076	0.124	0.206	0.365	dB/ft
	0.14	0.25	0.41	0.68	1.2	dB/m

Electrical Specification Notes:

Insertion Loss does not include the loss of the connectors. Insertion Loss is estimated as 0.2 dB for the right angle connector and 0.1 dB for the straight connector.

Mechanical Specifications

Cable Assembly

Shield Layer 2

Weight 0.31 lbs [140.61 g]

Cable

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

RG-214 50 Ohms Stranded Copper, Silver

PE 2

> Silver Plated Copper Braid Silver Plated Copper Braid



Configuration:

- N Male
- N Male Right Angle
- RG-214

Features:

- Max Frequency 11 GHz
- 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





Jacket Material Jacket Diameter PVC, Black

0.425 in [10.8 mm]

Repeated Minimum Bend Radius

1.6 in [40.64 mm]

Connectors

Description	Connector 1	Connector 2		
pe	N Male	N Male		
ecification		MIL-STD-348A		
npedance	50 Ohms	50 Ohms		
ontact Material & Plating	Brass, Gold	Brass, Gold		
ontact Plating Spec.	30 μin minimum	30 µin minimum		
electric Type	PTFE	PTFE		
ody Material & Plating	Brass, Nickel	Brass, Nickel		
ody Plating Spec.	100 μin minimum	100 µin minimum		
oupling Nut Material & Plat	ing Brass, Nickel	Brass, Nickel		
oupling Nut Plating Spec.	100 μin minimum	100 µin minimum		
electric Type ody Material & Plating ody Plating Spec. oupling Nut Material & Plat	PTFE Brass, Nickel 100 µin minimum ing Brass, Nickel	PTFE Brass, Nickel 100 µin minimur Brass, Nickel		

Environmental Specifications

Temperature

Operating Range

-20 to +80 deg C

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

How to Order

Part Number Configuration:

FMCA3208 - xx uu | cm = Centimeters | chlank> = Inches | Length

Example: FMCA3208-12 = 12 inches long cable

FMCA3208-100cm = 100 cm long cable

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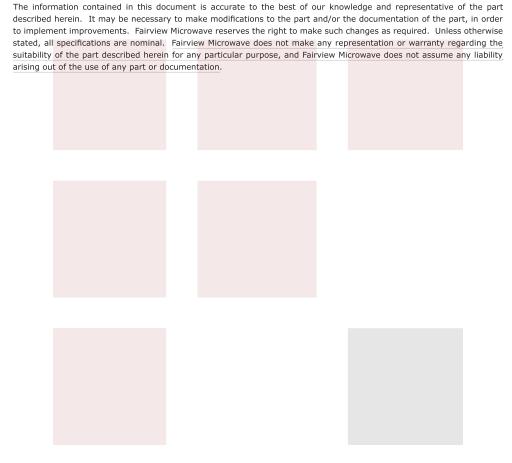




N Male to RA N Male Cable RG-214 Coax with LF Solder from Fairview Microwave has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99% availability and are part of the broadest selection in the industry.

Click the following link to obtain additional part information: N Male to RA N Male Cable RG-214 Coax with LF Solder FMCA3208

URL: https://www.fairviewmicrowave.com/n-male-to-ra-n-male-cable-rg-214-coax-with-lf-solder-fmca3208-p.aspx



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