

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 FMC0142214LF, 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 FMC0142214LF type N male to type N male cable assembly operates to 5 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	Typ	Max	Units
Frequency Range	DC		5	GHz
VSWR			1.35:1	
Velocity of Propagation		66		%
Capacitance	30.94	[101.51]		pF/ft [pF/m]

Mechanical Specifications

Cable Assembly

Length*	0 in [0 mm]
Weight	0.13404 lbs [60.8 g]

Cable

Cable Type	RG-214
Impedance	50 Ohms
Inner Conductor Type	Stranded
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	0.425 in [10.8 mm]



Configuration:

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

Features:

- Max Frequency 5 GHz
- 66% Phase Velocity
- Double Shielded
- PVC Jacket

Applications:

- General Purpose
- Laboratory Use

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Connectors

Description	Connector 1	Connector 2
Type	N Male	N Male
Configuration	Straight	Right Angle
Impedance	50 Ohms	50 Ohms
Contact Material & Plating	Brass, Gold	Brass, Gold
Body Material & Plating	Brass, Nickel	Brass, Nickel

Environmental Specifications

Temperature

Operating Range -55 to +155 deg C

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

Plotted and Other Data

Notes:

How to Order

Part Number Configuration:

FMC0142214LF - xx uu

cm = Centimeters
 <blank> = Inches
 Length

Example: FMC0142214LF-12 = 12 inches long cable
 FMC0142214LF-100cm = 100 cm long cable

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 FMC0142214LF](#)

URL: <https://www.fairviewmicrowave.com/standard-n-male-ra-n-male-cable-rg214-coax-fmc0142214lf-p.aspx>

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