

**N Male to RA N Male Cable RG-214 Coax in 48 Inch**

**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]



**Configuration:**

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

**Mechanical Specifications**

**Cable Assembly**

Length 48 in [121.92 cm]  
 Diameter 0.787 in [19.99 mm]

**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]

**Connectors**

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

**Environmental Specifications**

**Temperature**

Operating Range -55 to +155 deg C

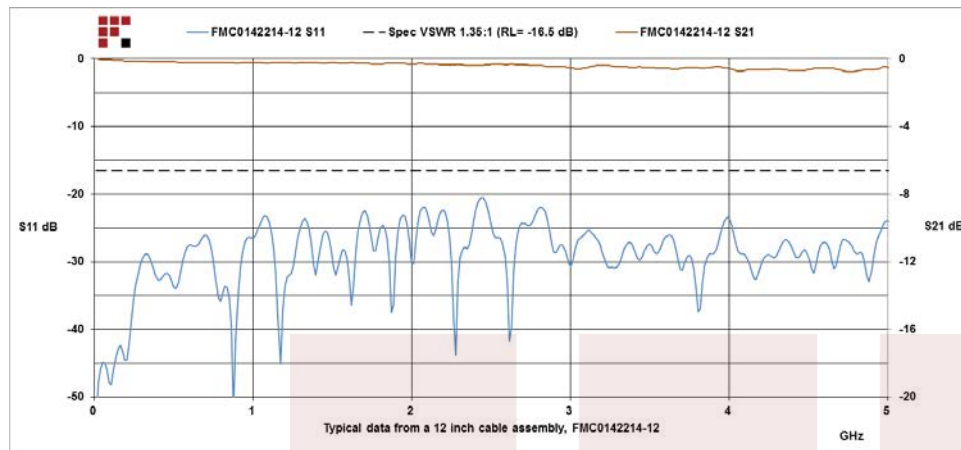
**Compliance Certifications** (visit [www.FairviewMicrowave.com](http://www.FairviewMicrowave.com) for current document)

**Plotted and Other Data**

Notes:

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 Allen, TX 75013  
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[www.fairviewmicrowave.com](http://www.fairviewmicrowave.com)  
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**Typical Performance Data**



**How to Order**

Part Number Configuration:

**FMC0142214 - xx uu**

cm = Centimeters  
 <blank> = Inches  
 Length

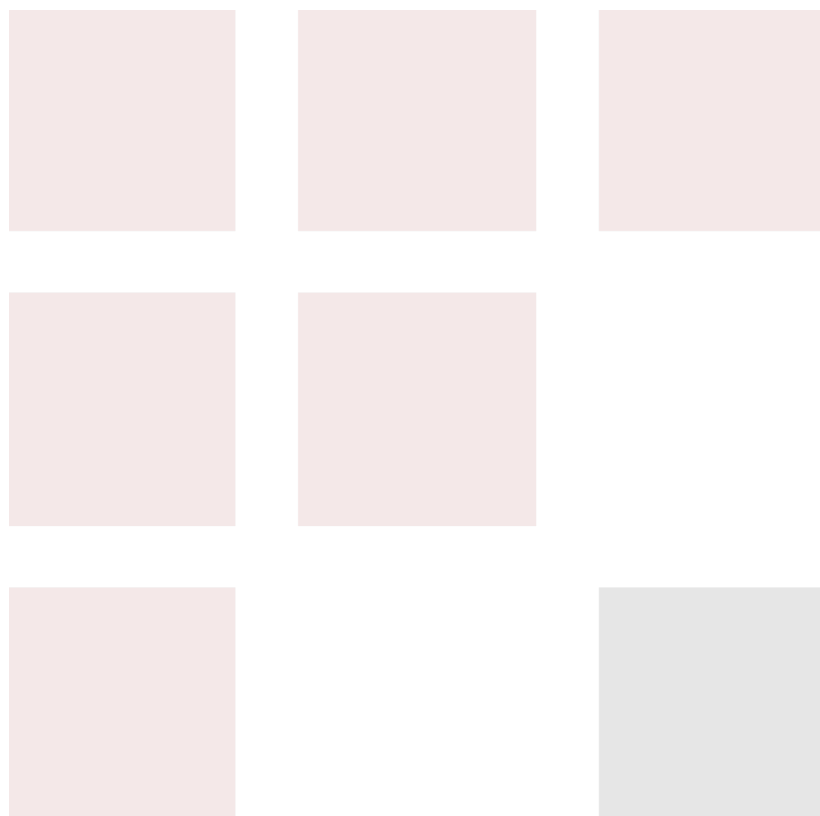
Example: FMC0142214-12 = 12 inches long cable  
 FMC0142214-100cm = 100 cm long cable

N Male to RA N Male Cable RG-214 Coax in 48 Inch from Fairview Microwave has same day shipment for domestic and International orders. Our RF, microwave and fiber optic 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 in 48 Inch FMC0142214-48](#)

URL: <http://www.fairviewmicrowave.com/n-male-ra-n-male-cable-rg214-coax-fmc0142214-48-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.



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