

## RA N Male to RA N Male Cable RG-214 Coax

### 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

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 Right Angle | N Male Right Angle |
| Impedance                  | 50 Ohms            | 50 Ohms            |
| Configuration              | Right Angle        | 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:

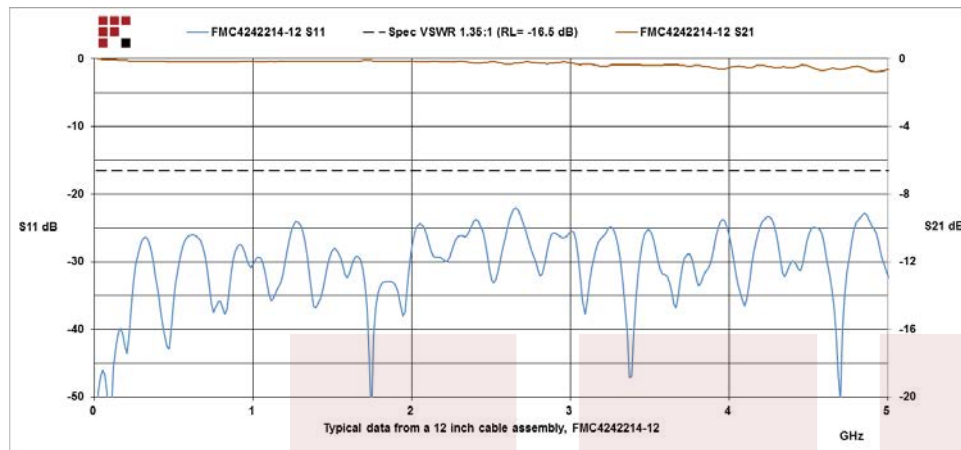


### Configuration:

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

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### Typical Performance Data



### How to Order

Part Number Configuration:

**FMC4242214 - xx uu**

cm = Centimeters  
<blank> = Inches  
Length

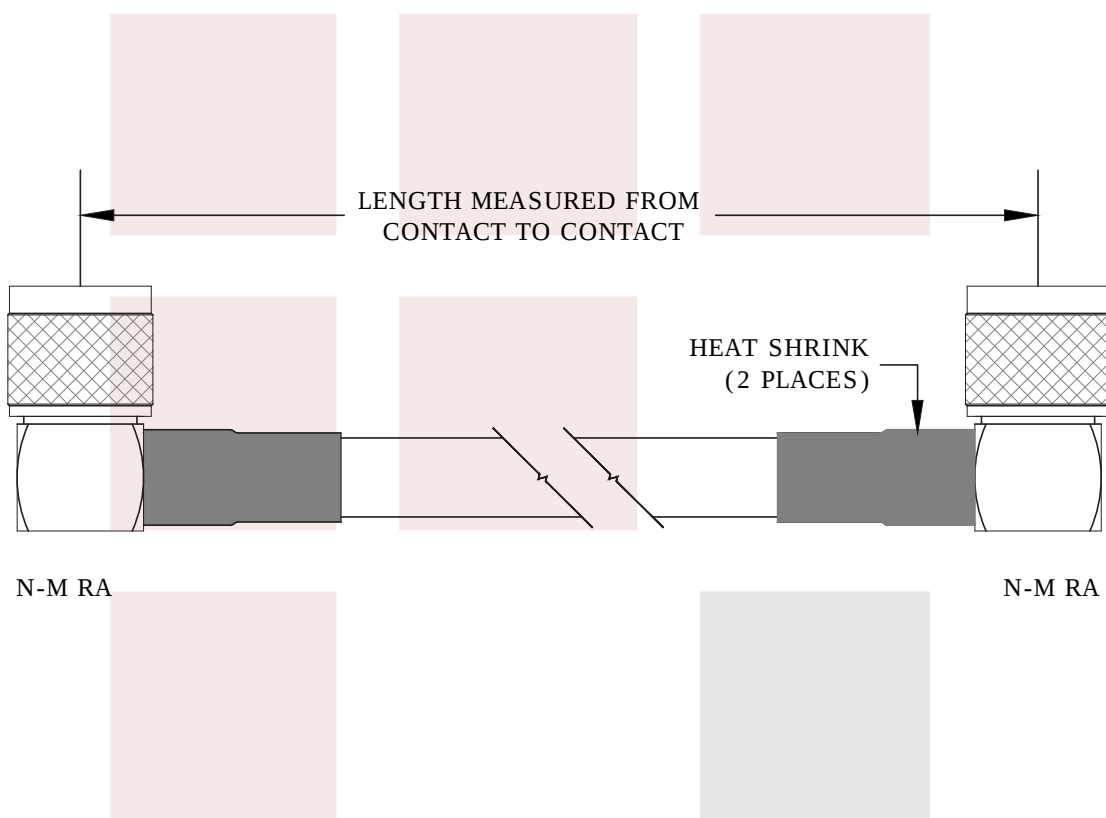
Example: FMC4242214-12 = 12 inches long cable  
FMC4242214-100cm = 100 cm long cable

RA N Male to RA N Male Cable RG-214 Coax 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: [RA N Male to RA N Male Cable RG-214 Coax FMC4242214](#)

URL: <http://www.fairviewmicrowave.com/ra-n-male-ra-n-male-cable-rg214-coax-fmc4242214-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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NOTES:  
1. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE NOMINAL.  
2. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME.  
3. DIMENSIONS ARE IN INCHES [mm].

TITLE

RA N Male to RA N Male Cable RG-214 Coax

DWG NO

FMC4242214

CAGE CODE

3FKR5

CAD FILE

101014

SHEET

SCALE N/A

SIZE A

5568