

## C Male to C Male Cable RG-214 Coax

The type C male to type C male cable using RG-214 coax, part number FMCA2208, from Fairview Microwave is in-stock and ships same day. This Fairview type C to type C cable assembly has a male to male gender configuration with 50 ohm flexible RG214 coax. Fairview Microwave's flexible RF cable assemblies are ideal for applications where tight bends and continual flexure are required. 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
Velocity of Propagation		65.9		%
Capacitance	30.8	[101.05]		pF/ft [pF/m]

### Mechanical Specifications

#### Cable Assembly

Weight 0.255 lbs [115.67 g]

#### Cable

Cable Type RG214  
 Impedance 50 Ohms  
 Inner Conductor Type Stranded  
 Inner Conductor Material and Plating Copper, Silver  
 Dielectric Type PE (LD)  
 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]

One Time Minimum Bend Radius 1.57 in [39.88 mm]

#### Connectors

Description	Connector 1	Connector 2
Type	C Male	C Male
Impedance	50 Ohms	50 Ohms
Contact Material & Plating	Silver	Silver
Contact Plating Spec.	QQ-S-365	QQ-S-365
Dielectric Type	PTFE	PTFE
Body Material & Plating	Brass, Nickel	Brass, Nickel
Body Plating Spec.	QQ-N-290	QQ-N-290
Coupling Nut Material & Plating	Brass, Nickel	Brass, Nickel
Coupling Nut Plating Spec.	QQ-N-290	QQ-N-290



### Configuration:

- C Male
- C Male
- RG214

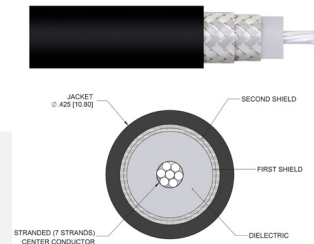
### Features:

- 65.9% Phase Velocity
- Double Shielded
- PVC Jacket

### Applications:

- General Purpose
- Laboratory Use

### Cable Diagram:



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**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:

**FMCA2208 - xx uu**

cm = Centimeters  
<blank> = Inches

Length

Example: FMCA2208-12 = 12 inches long cable  
FMCA2208-100cm = 100 cm long cable

C Male to C Male Cable RG-214 Coax 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: [C Male to C Male Cable RG-214 Coax FMCA2208](#)

URL: <https://www.fairviewmicrowave.com/c-male-to-c-male-cable-rg-214-coax-fmca2208-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.

