

## N Male to C Male Cable RG-393 Coax

The type N male to type C male cable using RG-393 coax, part number FMCA2536, from Fairview Microwave is in-stock and ships same day. This Fairview type N to type C cable assembly has a male to male gender configuration with 50 ohm flexible RG393 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		69.5		%
Capacitance		29.4 [96.46]		pF/ft [pF/m]

### Mechanical Specifications

#### Cable Assembly

Weight 0.263 lbs [119.29 g]

#### Cable

Cable Type RG393  
 Impedance 50 Ohms  
 Inner Conductor Type Stranded  
 Inner Conductor Material and Plating Copper, Silver  
 Dielectric Type PTFE  
 Number of Shields 2  
 Shield Layer 1 Silver Plated Copper Braid  
 Shield Layer 2 Silver Plated Copper Braid  
 Jacket Material FEP, Tan  
 Jacket Diameter 0.39 in [9.91 mm]

Repeated Minimum Bend Radius 3.9 in [99.06 mm]



### Configuration:

- N Male
- C Male
- RG393

### Features:

- 69.5% Phase Velocity
- Double Shielded
- FEP Jacket

### Applications:

- General Purpose
- Laboratory Use

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[sales@fairviewmicrowave.com](mailto:sales@fairviewmicrowave.com)

**Connectors**

Description	Connector 1	Connector 2
Type	N Male	C Male
Specification	MIL-STD-348A	MIL-STD-348
Impedance	50 Ohms	50 Ohms
Contact Material & Plating	Brass, Gold	Silver
Contact Plating Spec.	30 µin minimum	QQ-S-365
Dielectric Type	PTFE	PTFE
Body Material & Plating	Brass, Nickel	Brass, Nickel
Body Plating Spec.	100 µin minimum	QQ-N-290
Coupling Nut Material & Plating	Brass, Nickel	Brass, Nickel
Coupling Nut Plating Spec.	100 µin minimum	QQ-N-290

**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:

**FMCA2536 - xx uu**

cm = Centimeters  
 <blank> = Inches

Length

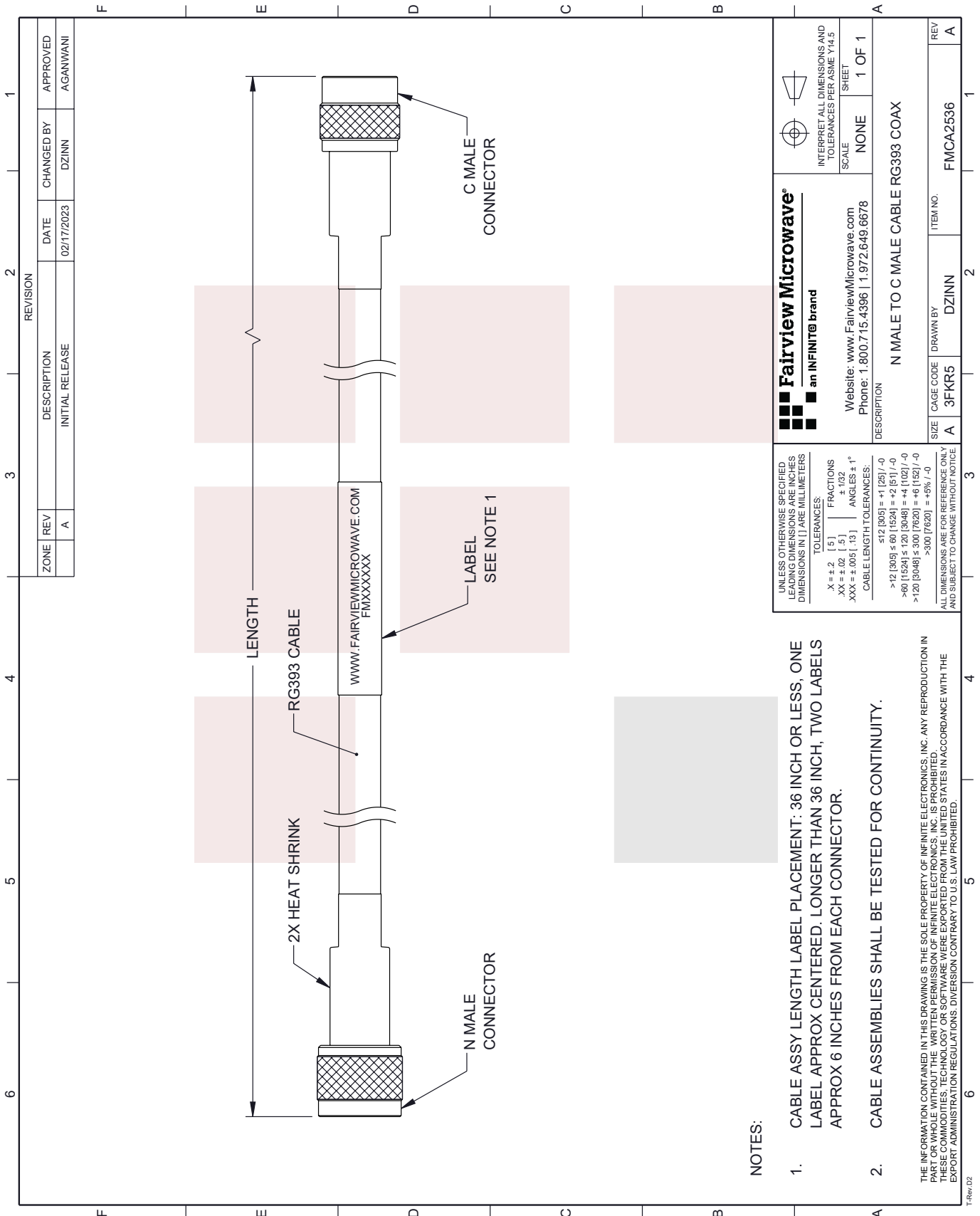
Example: FMCA2536-12 = 12 inches long cable  
 FMCA2536-100cm = 100 cm long cable

N Male to C Male Cable RG-393 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: [N Male to C Male Cable RG-393 Coax FMCA2536](#)

URL: <https://www.fairviewmicrowave.com/n-male-to-c-male-cable-rg-393-coax-fmca2536-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.



ZONE		REVISION		CHANGED BY		APPROVED	
1	A	INITIAL RELEASE	DATE	DZINN	AGANWANI		
			02/17/2023				

<p><b>Fairview Microwave®</b> an INFINITE® brand</p> <p>Website: <a href="http://www.FairviewMicrowave.com">www.FairviewMicrowave.com</a> Phone: 1.800.715.4396   1.972.649.6678</p>		<p>INTERPRET ALL DIMENSIONS AND TOLERANCES PER ASME Y14.5 SHEET SCALE NONE 1 OF 1</p>	
<p>DESCRIPTION N MALE TO C MALE CABLE RG393 COAX</p>			
SIZE	CAGE CODE	DRAWN BY	ITEM NO.
A	3FKR5	DZINN	FMCA2536

**NOTES:**

- CABLE ASSY LENGTH LABEL PLACEMENT: 36 INCH OR LESS, ONE LABEL APPROX CENTERED. LONGER THAN 36 INCH, TWO LABELS APPROX 6 INCHES FROM EACH CONNECTOR.
- CABLE ASSEMBLIES SHALL BE TESTED FOR CONTINUITY.

UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE IN INCHES DIMENSIONS IN [ ] ARE MILLIMETERS

TOLERANCES:  
.X = ± .2 [ .5 ] FRACTIONS  
.XX = ± .02 [ .5 ] ± .132  
.XXX = ± .005 [ .13 ] ANGLES ± 1°

CABLE LENGTH TOLERANCES:  
≤ 12 [305] = +1 [25] / -0  
> 12 [305] ≤ 60 [1524] = +2 [51] / -0  
> 60 [1524] ≤ 120 [3048] = +4 [102] / -0  
> 120 [3048] ≤ 300 [7620] = +6 [152] / -0  
> 300 [7620] = +5% / -0

ALL DIMENSIONS ARE FOR REFERENCE ONLY AND SUBJECT TO CHANGE WITHOUT NOTICE

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