

## BNC Male to RA BNC Male Cable RG-188 Coax



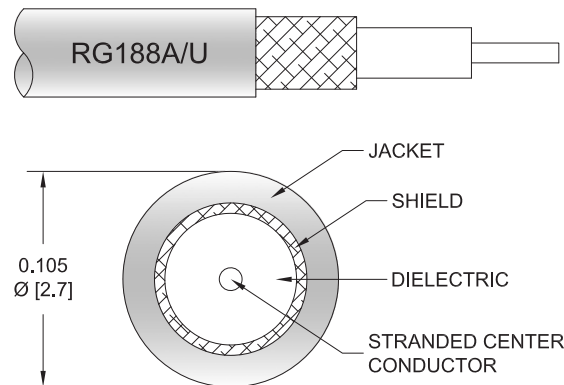
### FMCA10000

#### Configuration

- Connector 1: BNC Male
- Connector 2: BNC Male Right Angle
- Cable Type: RG-188
- Coax Flex Type: Flexible

#### Features

- Max Frequency 2 GHz
- PTFE Jacket



#### Applications

- General Purpose
- Laboratory Use

#### Description

The BNC male to RA BNC male cable using RG188 coax, part number FMCA10000, from Fairview Microwave is in-stock and ships same day. This Fairview BNC to BNC cable assembly has a male to male gender configuration with 50 ohm flexible RG-188 coax. Fairview Microwave's flexible RF cable assemblies are ideal for applications where tight bends and continual flexure are required. The FMCA10000 BNC male to BNC male cable assembly operates to 2 GHz. The right angle BNC interface on the RG-188 cable allows for easier connections in tight spaces.

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	Minimum	Typical	Maximum	Units
Frequency Range	DC		2	GHz
VSWR			1.4:1	
Operating Voltage (AC)			335	Vrms

#### Mechanical Specifications

##### Cable Assembly

Weight 0.084 lbs [38.1 g]

##### Cable

Cable Type RG-188  
Impedance 50 Ohms  
Inner Conductor Type Stranded

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### FMCA10000

Inner Conductor Material and Plating	Copper Clad Steel, Silver
Dielectric Type	PTFE
Number of Shields	1
Shield Layer 1	Silver Plated Copper Braid
Jacket Material	PTFE, White
Jacket Diameter	0.11 in [2.79 mm]

### Connectors

Description	Connector 1	Connector 2
Type	BNC Male	BNC Male Right Angle
Impedance	50 Ohms	50 Ohms
Configuration	Straight	Right Angle
Contact Material and Plating	Brass, Gold	Brass, Gold
Contact Plating Specification	30 µin minimum	30 µin minimum
Dielectric Type	PTFE	PTFE
Body Material and Plating	Brass, Nickel	Brass, Nickel
Body Plating Specification	100 µin minimum	100 µin minimum
Coupling Nut Material and Plating	Brass, Nickel	Brass, Nickel
Coupling Nut Plating Specification	100 µin minimum	100 µin minimum

### Environmental Specifications

Operating Range Temperature	-55 to +165 deg C
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**Compliance Certifications** (see [product page](#) for current document)

### Plotted and Other Data

Notes:

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### FMCA10000

#### Typical Performance Data

#### How to Order

Part Number Configuration:

**FMCA10000**

- **xx**

**uu**

Unit of Measure:

cm = Centimeters

<blank> = Inches

Length

Base Number

Example: FMCA10000-12 = 12 inches long cable  
FMCA10000-100cm = 100 cm long cable

BNC Male to RA BNC Male Cable RG-188 Coax from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Lewisville, Texas. Fairview Microwave is RF on-demand.

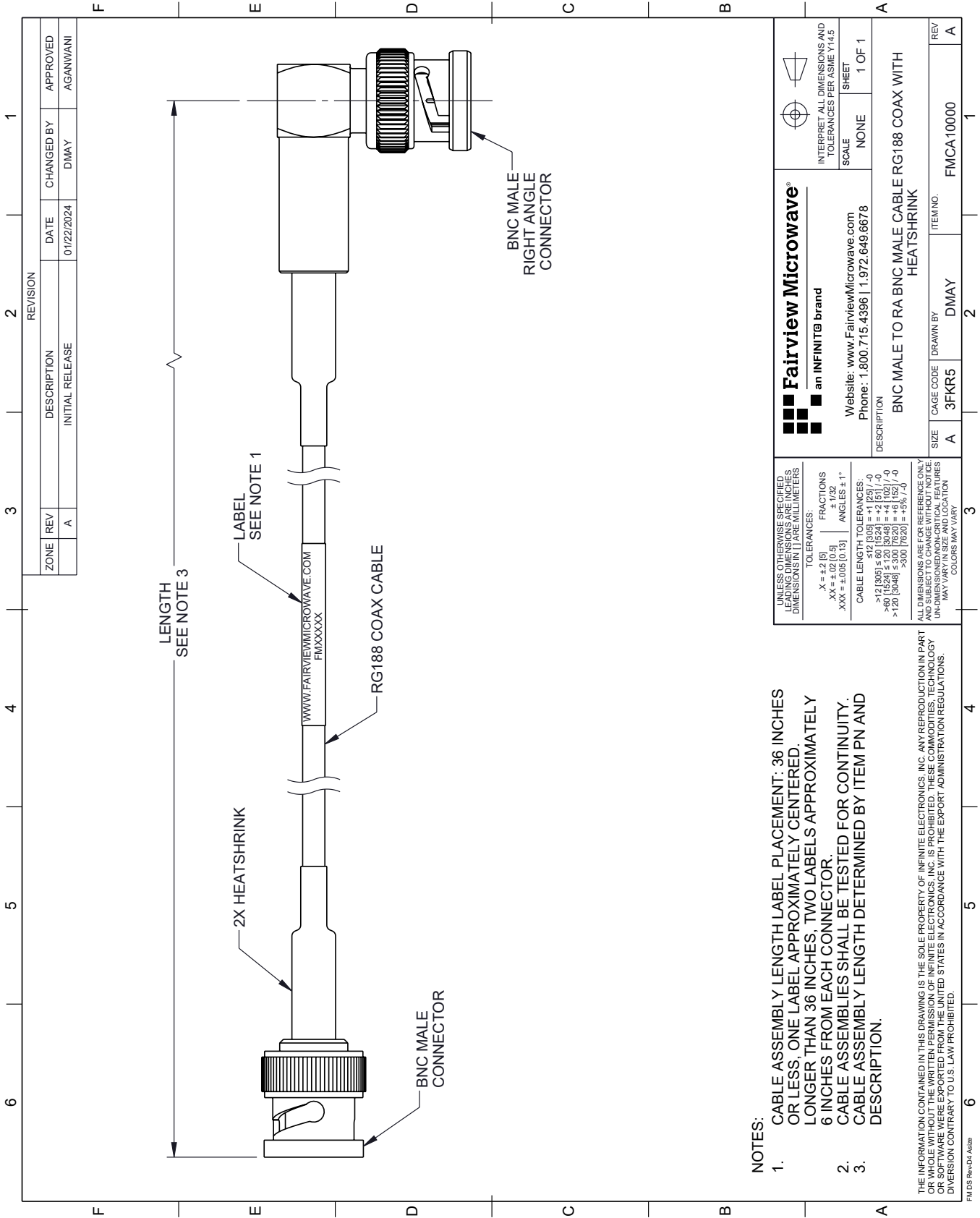
For additional information on this product, please click the following link: [BNC Male to RA BNC Male Cable RG-188 Coax FMCA10000](#)

URL: <https://www.fairviewmicrowave.com/bnc-male-to-ra-bnc-male-cable-rg188-coax-fmca10000-p.aspx>

The information contained within 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 liability arising out of the use of any part or document.

# FMCA10000 CAD Drawing

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**NOTES:**

1. CABLE ASSEMBLY LENGTH LABEL PLACEMENT: 36 INCHES OR LESS, ONE LABEL APPROXIMATELY CENTERED. LONGER THAN 36 INCHES, TWO LABELS APPROXIMATELY 6 INCHES FROM EACH CONNECTOR.
2. CABLE ASSEMBLIES SHALL BE TESTED FOR CONTINUITY.
3. CABLE ASSEMBLY LENGTH DETERMINED BY ITEM PN AND DESCRIPTION.

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FM DS Rev-D4 A389

REVISION		DATE	CHANGED BY	APPROVED
ZONE	REV			
	A	01/22/2024	DMAY	AGANWANI
DESCRIPTION				
INITIAL RELEASE				

<p><b>Fairview Microwave®</b> an INFINIT@ 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</p> <p>SCALE: NONE SHEET: 1 OF 1</p>
<p>UNLESS OTHERWISE SPECIFIED, LEADING DIMENSIONS ARE IN INCHES AND DIMENSIONS IN [ ] ARE MILLIMETERS.</p> <p>TOLERANCES:</p> <p>.X = ±.2 (5)      FRACTIONS ± 1/32 .XX = ±.02 (0.5)      ANGLES ± 1° .XXX = ±.005 (0.13)</p> <p>CABLE LENGTH TOLERANCES:</p> <p>&lt;12 (305) ≤ 60 (1524) = +2 (51) / -0 &gt;60 (1524) ≤ 120 (3048) = +4 (102) / -0 &gt;120 (3048) ≤ 300 (7620) = +5% / -0</p> <p>ALL DIMENSIONS ARE FOR REFERENTIAL ONLY AND SUBJECT TO CHANGE WITHOUT NOTICE. UN-DIMENSIONED NON-CRITICAL FEATURES MAY VARY IN SIZE AND LOCATION. COLORS MAY VARY.</p>		
DESCRIPTION	ITEM NO.	REV
BNC MALE TO RA BNC MALE CABLE RG188 COAX WITH HEATSHRINK	FMCA10000	A
SIZE	CAGE CODE	DRAWN BY
A	3FKR5	DMAY