

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

### FMCA10003

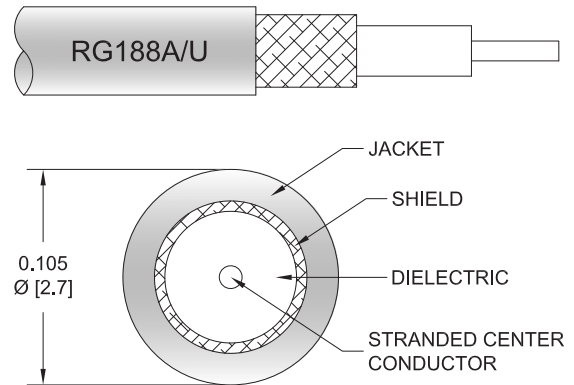


#### Configuration

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

#### Features

- Max Frequency 3 GHz
- PTFE Jacket



#### Applications

- General Purpose
- Laboratory Use

#### Description

The BNC male to SMA male cable using RG188 coax, part number FMCA10003, from Fairview Microwave is in-stock and ships same day. This Fairview BNC to SMA 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 FMCA10003 BNC male to SMA male cable assembly operates to 3 GHz. The right angle SMA 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		3	GHz
VSWR			1.4:1	
Operating Voltage (AC)			335	Vrms

#### Mechanical Specifications

##### Cable Assembly

Weight 0.05 lbs [22.68 g]

##### Cable

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

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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	SMA Male Right Angle
Specification		MIL-STD-348A
Impedance	50 Ohms	50 Ohms
Configuration	Straight	Right Angle
Contact Material and Plating	Brass, Gold	Brass, Gold
Contact Plating Specification	30 µin minimum	50 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
Hex Size		5/16 inch

#### 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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#### Typical Performance Data

#### How to Order

Part Number Configuration: **FMCA10003**    **- xx**    **uu**

Unit of Measure:  
cm = Centimeters  
<blank> = Inches

Length

Base Number

Example: FMCA10003-12 = 12 inches long cable  
FMCA10003-100cm = 100 cm long cable

BNC Male to RA SMA 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 SMA Male Cable RG-188 Coax FMCA10003](#)

URL: <https://www.fairviewmicrowave.com/bnc-male-to-ra-sma-male-cable-rg-188-coax-fmca10003-p.aspx>

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