

SMA Male to RA SMA Male Cable RG-188 Coax

FMCA9994

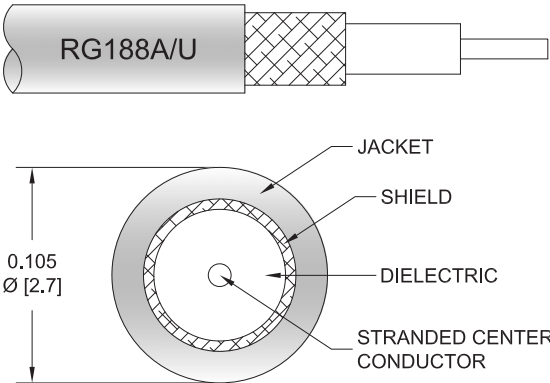


Configuration

- Connector 1: SMA 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 SMA male to RA SMA male cable using RG188 coax, part number FMCA9994, from Fairview Microwave is in-stock and ships same day. This Fairview SMA 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 FMCA9994 SMA 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

Weight0.041 lbs [18.6 g]

Cable

Cable TypeRG-188

Impedance50 Ohms

Inner Conductor TypeStranded

Inner Conductor Material and PlatingCopper Clad Steel, Silver

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### FMCA9994

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	SMA Male	SMA Male Right Angle
Specification	MIL-STD-348A	MIL-STD-348A
Impedance	50 Ohms	50 Ohms
Configuration	Straight	Right Angle
Contact Material and Plating	Brass, Gold	Brass, Gold
Contact Plating Specification	50 µin minimum	50 µin minimum
Dielectric Type	PTFE	PTFE
Body Material and Plating	Brass, Gold	Brass, Nickel
Body Plating Specification	3 µin minimum	100 µin minimum
Coupling Nut Material and Plating	Brass, Gold	Brass, Nickel
Coupling Nut Plating Specification	3 µin minimum	100 µin minimum
Hex Size	5/16 inch	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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### FMCA9994

#### Typical Performance Data

#### How to Order

Part Number Configuration:

**FMCA9994**

**- xx**

**uu**

Unit of Measure:

cm = Centimeters

<blank> = Inches

Length

Base Number

Example: FMCA9994-12 = 12 inches long cable  
FMCA9994-100cm = 100 cm long cable

SMA 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: [SMA Male to RA SMA Male Cable RG-188 Coax FMCA9994](#)

URL: <https://www.fairviewmicrowave.com/sma-male-to-ra-sma-male-cable-rg-188-coax-fmca9994-p.aspx>

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FMCA9994 CAD Drawing
SMA Male to RA SMA Male Cable RG-188 Coax

