

RP SMA Plug to N Male Cable RG-188 Coax

FMCA100070

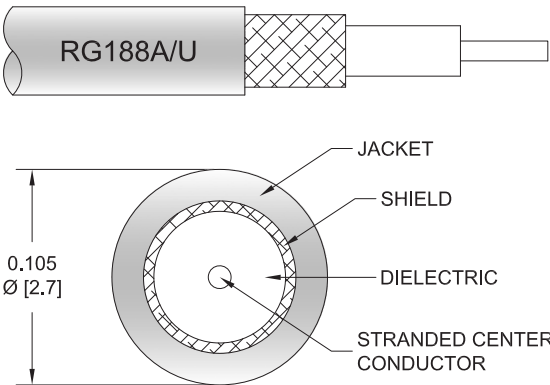


Configuration

- Connector 1: SMA Plug Reverse Polarity
- Connector 2: N Male
- Cable Type: RG-188
- Coax Flex Type: Flexible

Features

- Max Frequency 12.4 GHz
- PTFE Jacket



Applications

- General Purpose
- Laboratory Use

Description

The RP SMA plug to type N male cable using RG188 coax, part number FMCA100070, from Fairview Microwave is in-stock and ships same day. This Fairview reverse polarity SMA to type N cable assembly has a plug 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 FMCA100070 reverse polarity SMA plug to type N male cable assembly operates to 12.4 GHz.

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      |         | 12.4    | GHz   |
| VSWR            |         |         | 1.4:1   |       |

Mechanical Specifications

Cable Assembly

|                |                     |
|----------------|---------------------|
| Width/Diameter | 0.5 in [12.7 mm]    |
| Weight         | 0.087 lbs [39.46 g] |

Cable

|                                      |                           |
|--------------------------------------|---------------------------|
| Cable Type                           | RG-188                    |
| Impedance                            | 50 Ohms                   |
| Inner Conductor Type                 | Stranded                  |
| Inner Conductor Material and Plating | Copper Clad Steel, Silver |
| Dielectric Type                      | PTFE                      |

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### FMCA100070

|                   |                            |
|-------------------|----------------------------|
| 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 Plug Reverse Polarity | N Male                 |
| Specification                      | MIL-STD-348               |                        |
| Impedance                          | 50 Ohms                   | 50 Ohms                |
| Configuration                      | Straight                  | Straight               |
| Contact Material and Plating       | Gold                      | Beryllium Copper, Gold |
| Contact Plating Specification      | MIL-G-45204               |                        |
| Dielectric Type                    | PTFE                      | PTFE                   |
| Body Material and Plating          | Brass, Nickel             | Brass, Nickel          |
| Body Plating Specification         | QQ-N-290                  |                        |
| Coupling Nut Material and Plating  | Brass, Nickel             | Brass, Nickel          |
| Coupling Nut Plating Specification | QQ-N-290                  |                        |

### Environmental Specifications

**Compliance Certifications** (see [product page](#) for current document)

### Plotted and Other Data

Notes:

## RP SMA Plug to N Male Cable RG-188 Coax



### FMCA100070

#### Typical Performance Data

#### How to Order

Part Number Configuration:

**FMCA100070**

**- xx**

**uu**

Unit of Measure:  
cm = Centimeters  
<blank> = Inches  
Length  
Base Number

Example: FMCA100070-12 = 12 inches long cable  
FMCA100070-100cm = 100 cm long cable

RP SMA Plug to N 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: [RP SMA Plug to N Male Cable RG-188 Coax FMCA100070](#)

URL: <https://www.fairviewmicrowave.com/rp-sma-plug-to-n-male-cable-rg188-coax-fmca100070-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.

FMCA100070 CAD Drawing
RP SMA Plug to N Male Cable RG-188 Coax

