

RP SMA Plug to N Male Cable RG-188 Coax in 36 Inch



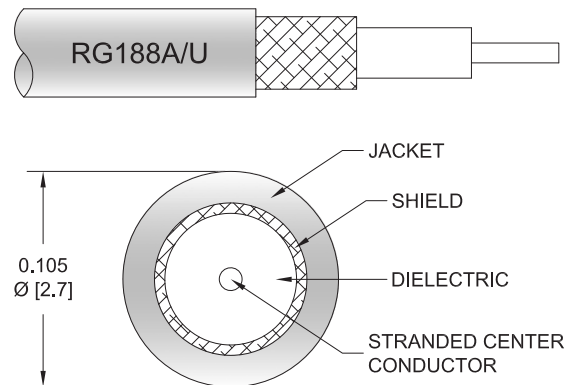
FMCA100070-36

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 36 inch cable using RG188 coax, part number FMCA100070-36, 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 FMCA100070-36 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

Length	36 in [914.4 mm]
Width/Diameter	0.5 in [12.7 mm]
Weight	0.107 lbs [48.53 g]

Cable

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

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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 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:

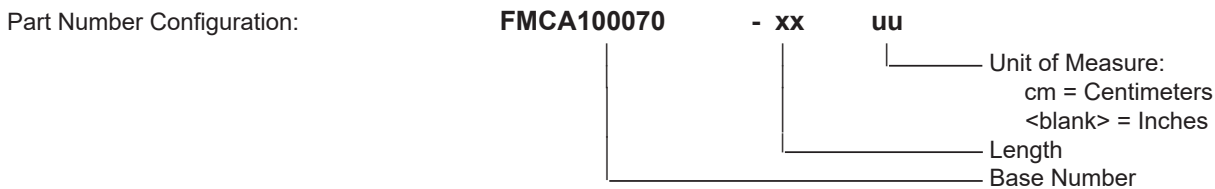
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FMCA100070-36

Typical Performance Data

How to Order



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

RP SMA Plug to N Male Cable RG-188 Coax in 36 Inch 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.

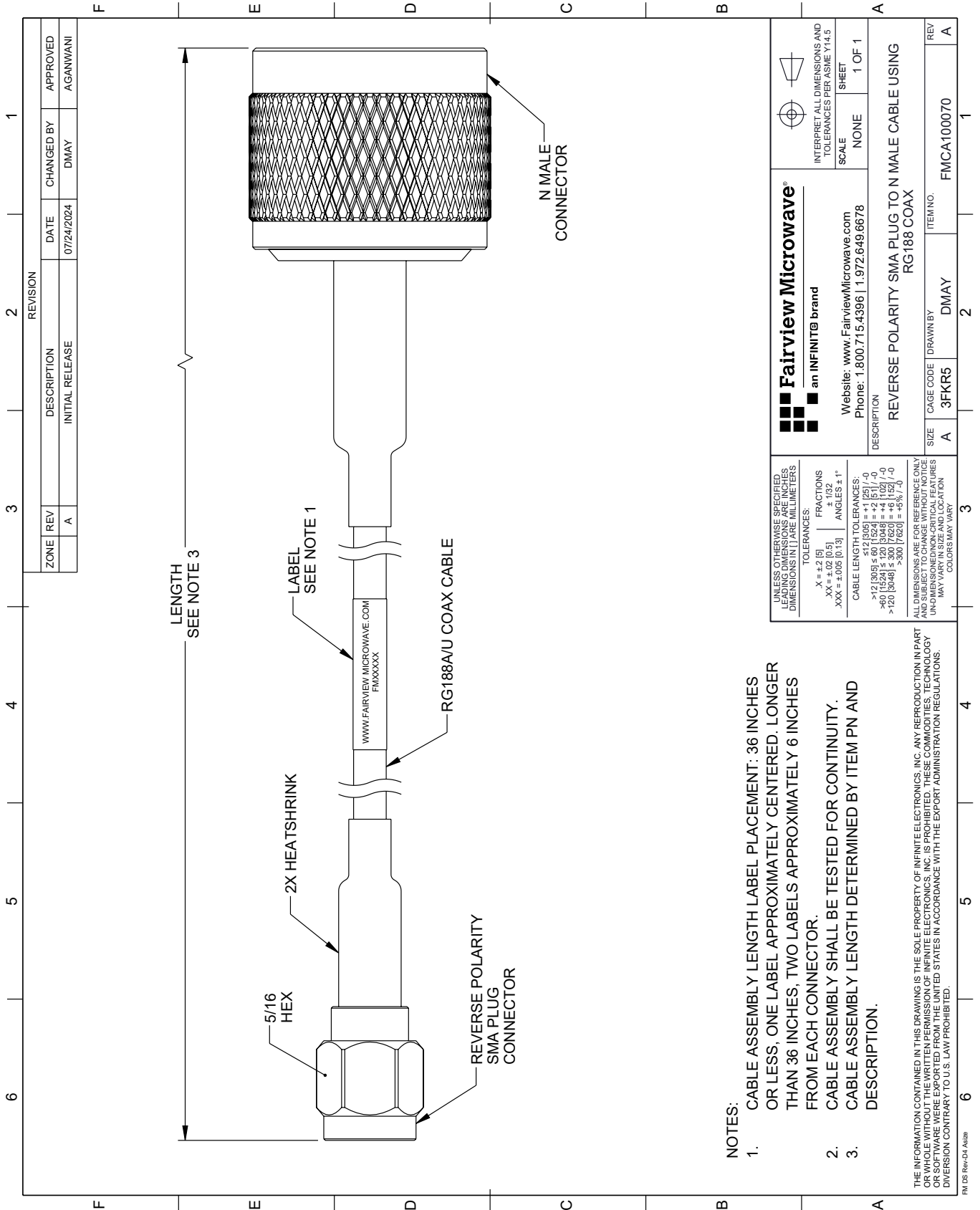
For additional information on this product, please click the following link: [RP SMA Plug to N Male Cable RG-188 Coax in 36 Inch FMCA100070-36](#)

URL: <https://www.fairviewmicrowave.com/rp-sma-plug-to-n-male-cable-rg188-coax-in-36-inch-fmca100070-36-p.aspx>

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FMCA100070-36 CAD Drawing

RP SMA Plug to N Male Cable RG-188 Coax in 36 Inch



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Website: www.FairviewMicrowave.com
Phone: 1.800.715.4396 | 1.972.649.6678

INTERPRET ALL DIMENSIONS AND TOLERANCES PER ASME Y14.5
SCALE: NONE
SHEET: 1 OF 1

DESCRIPTION: REVERSE POLARITY SMA PLUG TO N MALE CABLE USING RG188 COAX

SIZE: A
CAGE CODE: 3FKR5
DRAWN BY: DMAY
ITEM NO.: FMCA100070

REV: A

- NOTES:**
- 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.
 - CABLE ASSEMBLY SHALL BE TESTED FOR CONTINUITY.
 - CABLE ASSEMBLY LENGTH DETERMINED BY ITEM PN AND DESCRIPTION.

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

TOLERANCES:
 .X = ±.2 [5]
 .XX = ±.02 [0.5]
 .XXX = ±.005 [0.13]

FRACTIONS:
 ± 1/32
 ANGLES ± 1°

CABLE LENGTH TOLERANCES:
 <12 [305] ≤ 60 [1524] = ±.1 [25] / -0
 >60 [1524] ≤ 120 [3048] = ±.4 [102] / -0
 >120 [3048] ≤ 300 [7620] = ±.8 [20] / -0

ALL DIMENSIONS ARE FOR REFERENCE ONLY. UNDIMENSIONS/NON-CRITICAL FEATURES MAY VARY IN SIZE AND LOCATION. COLORS MAY VARY.

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