

N Female 4 Hole Flange to RA SMA Male Cable RG-188 Coax

FMCA100066

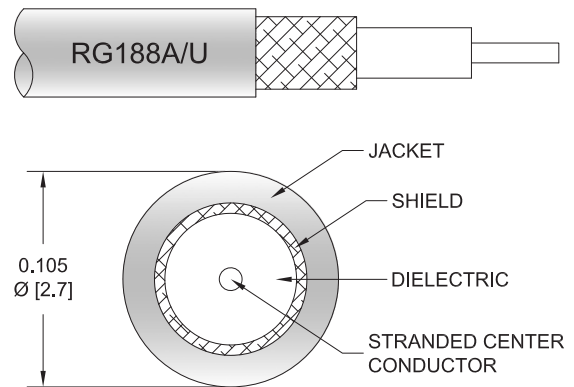


Configuration

- Connector 1: 4 Hole Flange N Female A05
- Connector 2: SMA Male Right Angle
- Cable Type: RG-188
- Coax Flex Type: Flexible

Features

- PTFE Jacket



Applications

- General Purpose
- Laboratory Use

Description

The type N female 4 hole flange a05 to RA SMA male cable using RG188 coax, part number FMCA100066, from Fairview Microwave is in-stock and ships same day. This Fairview type N to SMA cable assembly has a female 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 right angle SMA interface on the RG-188 cable allows for easier connections in tight spaces. Our RF cable assembly with type N a05 interface allows designers to create external connections on their product enclosures, and can be used in a variety of other rack mount and panel mount applications.

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.

Mechanical Specifications

Cable Assembly

Width/Diameter	0.5 in [12.7 mm]
Weight	0.124 lbs [56.25 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
Number of Shields	1
Shield Layer 1	Silver Plated Copper Braid
Jacket Material	PTFE, White
Jacket Diameter	0.11 in [2.79 mm]

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Connectors

Description	Connector 1	Connector 2
Type	N Female A05	SMA Male Right Angle
Specification		MIL-STD-348A
Impedance	50 Ohms	50 Ohms
Configuration	Straight	Right Angle
Connection Method	4 Hole Flange	
Contact Material and Plating		Brass, Gold
Contact Plating Specification		50 µin minimum
Dielectric Type		PTFE
Body Material and Plating	Brass, Nickel	Brass, Nickel
Body Plating Specification		100 µin minimum
Coupling Nut Material and Plating		Brass, Nickel
Coupling Nut Plating Specification		100 µin minimum

Environmental Specifications

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

Plotted and Other Data

Notes:

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FMCA100066

Typical Performance Data

How to Order

Part Number Configuration: **FMCA100066** **- xx** **uu**

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

Length

Base Number

Example: FMCA100066-12 = 12 inches long cable
FMCA100066-100cm = 100 cm long cable

N Female 4 Hole Flange 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: [N Female 4 Hole Flange to RA SMA Male Cable RG-188 Coax FMCA100066](https://www.fairviewmicrowave.com/n-female-4-hole-flange-to-ra-sma-male-cable-rg188-coax-fmca100066-p.aspx)

URL: <https://www.fairviewmicrowave.com/n-female-4-hole-flange-to-ra-sma-male-cable-rg188-coax-fmca100066-p.aspx>

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FMCA100066 CAD Drawing
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