

N Female Bulkhead to RA SMA Male Cable RG-188 Coax

The type N female bulkhead to RA SMA male cable using RG188 coax, part number FMCA3266, 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 FMCA3266 type N female 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. Our RF cable assembly with type N bulkhead 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.

Electrical Specifications

Description	Min	Typ	Max	Units
Frequency Range	DC		3	GHz
VSWR			1.4:1	
Operating Voltage (AC)			335	Vrms

Performance by Frequency

Description	F1	F2	F3	F4	F5	Units
Frequency	400					MHz
Insertion Loss (Typ.)	0.2					dB/ft
	0.66					dB/m

Electrical Specification Notes:

Insertion Loss does not include the loss of the connectors. Insertion Loss is estimated as 0.1 dB for the N connector and 0.2 dB for the SMA connector.

Mechanical Specifications

Cable Assembly

Weight 0.12 lbs [54.43 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]



Configuration:

- N Female Bulkhead
- SMA Male Right Angle
- RG-188

Features:

- Max Frequency 3 GHz
- PTFE Jacket

Applications:

- General Purpose
- Laboratory Use

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Connectors

Description	Connector 1	Connector 2
Type	N Female	SMA Male
Mount Method	Bulkhead	
Specification	MIL-STD-348A	MIL-STD-348A
Impedance	50 Ohms	50 Ohms
Mating Cycles	100	
Contact Material & Plating	Brass, Gold	Brass, Gold
Contact Plating Spec.	30μ in minimum	50 μin minimum
Dielectric Type	PTFE	PTFE
Outer Cond Material & Plating	Brass, Nickel	
Outer Cond Plating Spec.	100μ in minimum	
Body Material & Plating	Brass, Nickel	Brass, Nickel
Body Plating Spec.	100μ in minimum	100 μin minimum
Coupling Nut Material & Plating		Brass, Nickel
Coupling Nut Plating Spec.		100 μin minimum
Hex Size		5/16 inch

Environmental Specifications

Temperature

Operating Range -45 to +85 deg C

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

Plotted and Other Data

Notes:

How to Order

Part Number Configuration:

FMCA3266 - xx uu

cm = Centimeters
 <blank> = Inches
 Length

Example: FMCA3266-12 = 12 inches long cable
 FMCA3266-100cm = 100 cm long cable

N Female Bulkhead to RA SMA Male Cable RG-188 Coax from Fairview Microwave has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99% availability and are part of the broadest selection in the industry.

Click the following link to obtain additional part information: [N Female Bulkhead to RA SMA Male Cable RG-188 Coax FMCA3266](#)

URL: <https://www.fairviewmicrowave.com/n-female-bulkhead-to-ra-sma-male-cable-rg-188-coax-fmca3266-p.aspx>

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