

**TNC Female Bulkhead to RA SSMA Male Cable
RG-316 Coax**

The TNC female bulkhead to RA SSMA male cable using RG-316 coax, part number FMCA3212, from Fairview Microwave is in-stock and ships same day. This Fairview TNC to SSMA cable assembly has a female to male gender configuration with 50 ohm flexible RG-316 coax. Fairview Microwave's flexible RF cable assemblies are ideal for applications where tight bends and continual flexure are required. The right angle SSMA interface on the RG-316 cable allows for easier connections in tight spaces. Our RF cable assembly with TNC 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.



Configuration:

- TNC Female Bulkhead
- SSMA Male Right Angle
- RG-316

Features:

- 69% Phase Velocity
- FEP Jacket

Applications:

- General Purpose
- Laboratory Use

Electrical Specifications

Description	Min	Typ	Max	Units
Velocity of Propagation		69		%
Jacket Spark			2,000	Vrms

Mechanical Specifications

Cable Assembly

Weight 0.07 lbs [31.75 g]

Cable

Cable Type RG-316
 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 FEP, Tan
 Jacket Diameter 0.102 in [2.59 mm]

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Connectors

Description	Connector 1	Connector 2
Type	TNC Female	SSMA Male
Mount Method	Bulkhead	
Specification	MIL-STD-348A	
Impedance	50 Ohms	50 Ohms
Contact Material & Plating	Phosphor Bronze, Gold	Gold
Dielectric Type	PTFE	PTFE
Outer Cond Material & Plating	Brass, Nickel	
Body Material & Plating	Brass, Nickel	Brass, Nickel
Coupling Nut Material & Plating		Brass, Nickel
Hex Size		1/4 inch
Torque		3 in-lbs 0.34 Nm

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

Plotted and Other Data

Notes:

How to Order

Part Number Configuration:

FMCA3212 - xx uu

cm = Centimeters
 <blank> = Inches
 Length

Example: FMCA3212-12 = 12 inches long cable
 FMCA3212-100cm = 100 cm long cable

TNC Female Bulkhead to RA SSMA Male Cable RG-316 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: [TNC Female Bulkhead to RA SSMA Male Cable RG-316 Coax FMCA3212](#)

URL: <https://www.fairviewmicrowave.com/tnc-female-bulkhead-to-ra-ssma-male-cable-rg-316-coax-fmca3212-p.aspx>

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