



Low Loss N Female Bulkhead to RP SMA Plug Cable TCOM-240 Coax with Times Microwave Components

The type N female bulkhead to RP SMA plug cable using TCOM-240 coax, part number FMCA3304, from Fairview Microwave is in-stock and ships same day. This Fairview type N to reverse polarity SMA cable assembly has a female to plug gender configuration with 50 ohm flexible TCOM-240 coax. Fairview Microwave's flexible RF cable assemblies are ideal for applications where tight bends and continual flexure are required. The FMCA3304 type N female to reverse polarity SMA plug cable assembly operates to 2.5 GHz. 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. The double shielding of this Fairview cable assembly provides excellent shielding effectiveness.

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	Т	ур Мах	Units
Frequency Range	DC		2.5	GHz
VSWR			1.4:1	

Performance by Frequency

Description	F1	F2	F3	F4	F5	Units
Frequency	0.25	0.5	1	2.5		GHz
Insertion Loss (Typ.)	0.036	0.052	0.075	0.123		dB/ft
	0.12	0.17	0.25	0.4		dB/m

Electrical Specification Notes:

Insertion Loss does not include the loss of the connectors. Insertion Loss is estimated as 0.28 dB for the N female connector and 0.1 dB for the reverse polarity SMA plug connector

Mechanical Specifications

Cable Assembly

Weight 0.222 lbs [100.7 g]

Cable

Cable Type
Impedance
Inner Conductor Type
Inner Conductor Material and Plating
Dielectric Type
Number of Shields
Shield Layer 1
Shield Layer 2
Jacket Material
Jacket Diameter

TCOM-240 50 Ohms Solid Copper PE (F) 2

Silver Plated Copper Braid Tinned Copper Braid PE, Black

0.24 in [6.1 mm]

Configuration:

- N Female Bulkhead
- SMA Plug Reverse Polarity
- TCOM-240

Features:

- Max Frequency 2.5 GHz
- Double Shielded
- PE Jacket
- 500 Mating Cycles

Applications:

- General Purpose
- Laboratory Use

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Connectors

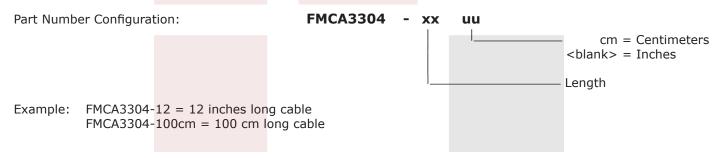
Description	Connector 1	Connector 2		
Туре	N Female Threaded	SMA Plug Threaded		
Polarity		Reverse Polarity		
Mount Method	Bulkhead			
Specification	MIL-STD-348	MIL-STD-345		
Impedance	50 Ohms	50 Ohms		
Mating Cycles	500	500		
Contact Material & Plating	Beryllium Copper, Gold	Beryllium copper, Gold		
Contact Plating Spec.	50 μinches			
Dielectric Type	PTFE			
Outer Cond Material & Platin	g Brass, Tri-Metal			
Outer Cond Plating Spec.	80 µinches			
Body Material & Plating	Brass, Tri-Metal	Passivated Stainless Steel		
Coupling Nut Material & Plati	ng	Passivated Stainless Steel		

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

How to Order



Low Loss N Female Bulkhead to RP SMA Plug Cable TCOM-240 Coax with Times Microwave Components 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: Low Loss N Female Bulkhead to RP SMA Plug Cable TCOM-240 Coax with Times Microwave Components FMCA3304

URL: https://www.fairviewmicrowave.com/low-loss-n-female-bulkhead-to-rp-sma-plug-cable-tcom-240-coax-with-times-microwave-components-fmca3304-p.aspx

The information contained in 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 any liability arising out of the use of any part or documentation.

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