

FMCA2722-60 DATA SHEET

BNC Female Bulkhead to TNC Male Right Angle Cable in 60 Inch Length Using RG223 Coax

The BNC female bulkhead to RA TNC male cable using RG223 coax, part number FMCA2722-60, from Fairview Microwave is in-stock and ships same day. This Fairview BNC to TNC cable assembly has a female to male gender configuration with 50 ohm flexible RG223 coax. Fairview Microwave's flexible RF cable assemblies are ideal for applications where tight bends and continual flexure are required. The FMCA2722-60 BNC female to TNC male cable assembly operates to 3 GHz. The right angle TNC interface on the RG223 cable allows for easier connections in tight spaces. Our RF cable assembly with BNC 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	Тур	Max	Units	
Frequency Range	DC		3	GHz	
VSWR			1.4:1		
Velocity of Propagation		66		%	
Capacitance		30.8 [101.05]		pF/ft [pF/m]	
Operating Voltage (AC)			500	Vrms	

Performance by	Freque	ncy				
Description	F1	F2	F3	F4	F5	Units
Frequency	0.1	0.25	0.5	1	3	GHz
Insertion Loss (Typ.)	0.5	0.61	0.75	0.97	1.54	dB/ft
	1.64	2	2.46	3.18	5.05	dB/m

Electrical Specification Notes:

The Insertion Loss data above is based on the performance specifications of the coax cable and connectors used in this assembly. The Insertion Loss includes an estimated insertion loss of 0.1 dB for the straight connector and 0.2 dB for the right angle connector.

Mechanical Specifications

Cable Assembly

Length* Weight

Cable

Cable Type Impedance Inner Conductor Type 60 in [152.4 cm] 0.23 lbs [104.33 g]

RG223 50 Ohms Solid



Configuration:

- BNC Female Bulkhead
- TNC Male Right Angle
- RG223

Features:

- Max Frequency 3 GHz
- 66% Phase Velocity
- Double Shielded
- PVC Jacket

Applications:

- General Purpose
- Laboratory Use

Fairview Microwave 301 Leora Ln., Suite 100 Lewisville, TX 75056 Tel: 1-800-715-4396 / (972) 649-6678 Fax: (972) 649-6689 www.fairviewmicrowave.com sales@fairviewmicrowave.com an INFINIT® brand

FMCA2722-60 DATA SHEET

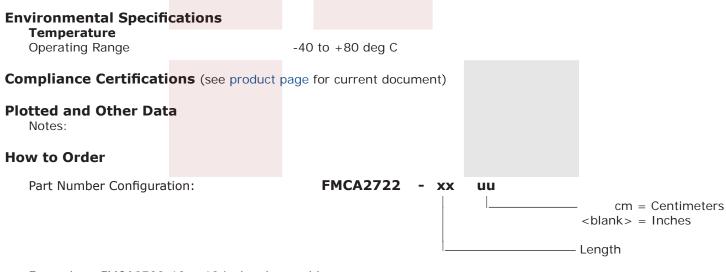
Inner Conductor Material and Plating Dielectric Type Number of Shields Shield Layer 1 Shield Layer 2 Jacket Material Jacket Diameter Copper, Silver PE 2 Silver Plated Copper Braid Silver Plated Copper Braid PVC, Black 0.209 in [5.31 mm]

Repeated Minimum Bend Radius

1 in [25.4 mm]

Connectors

Description	Connector 1	Connector 2	
Туре	BNC Female	TNC Male	
Mount Method	Bulkhead		
Specification	MIL-STD-348A	MIL-STD-348A	
Impedance	50 Ohms	50 Ohms	
Contact Material & Plating	Brass, Gold	Brass, Gold	
Contact Plating Spec.	30 µin minimum	30 µin minimum	
Dielectric Type	PTFE	PTFE	
Body Material & Plating	Brass, Nickel	Brass, Nickel	
Body Plating Spec.	100 µin minimum	n 100 µin minimum	
Coupling Nut Material & Pla	ting	Brass, Nickel	
Coupling Nut Plating Spec.		100 µin minimum	



Example: FMCA2722-12 = 12 inches long cable FMCA2722-100cm = 100 cm long cable

301 Leora Ln., Suite 100, Lewisville, TX 75056 | Tel: 1-800-715-4396 / (972) 649-6678 / Fax: (972) 649-6689





BNC Female Bulkhead to TNC Male Right Angle Cable in 60 Inch Length Using RG223 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.

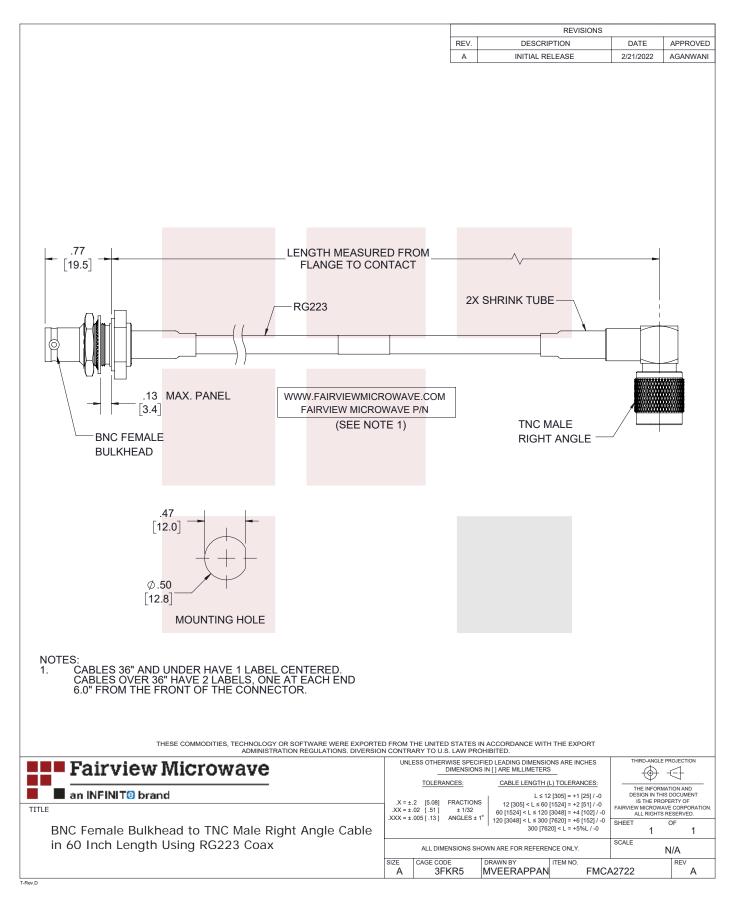
Click the following link to obtain additional part information: BNC Female Bulkhead to TNC Male Right Angle Cable in 60 Inch Length Using RG223 Coax FMCA2722-60

URL: https://www.fairviewmicrowave.com/bnc-female-bulkhead-to-ra-tnc-male-cable-rg223-coax-in-60-inch-fmca2722-60-p.aspx









301 Leora Ln., Suite 100, Lewisville, TX 75056 | Tel: 1-800-715-4396 / (972) 649-6678 / Fax: (972) 649-6689