

FMCA2719-60 DATA SHEET



The BNC female bulkhead to type N female cable using RG223 coax, part number FMCA2719-60, from Fairview Microwave is in-stock and ships same day. This Fairview BNC to type N cable assembly has a female to female 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 FMCA2719-60 BNC female to type N female cable assembly operates to 4 GHz. 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.



Configuration:

- BNC Female Bulkhead
- N Female
- RG223

Features:

- Max Frequency 4 GHz
- 66% Phase Velocity
- Double Shielded
- PVC Jacket

Applications:

- General Purpose
- Laboratory Use

Electrical Specifications

Description	Min	Ty	/р Мах	Units
Frequency Range	DC		4	GHz
VSWR			1.4:1	
Velocity of Propagation		6	6	%
Capacitance		30.8 [1	01.05]	pF/ft [pF/m]
Operating Voltage (AC)			500	Vrms

Performance by Frequency

Description	F1	F2	F3	F4	F5	Units
Frequency	0.1	0.25	0.5	1	4	GHz
Insertion Loss (Typ.)	0.4	0.51	0.65	0.87	1.66	dB/ft
	1.31	1.67	2.13	2.85	5.45	dB/m

Electrical Specification Notes:

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

Mechanical Specifications

Cable Assembly

Length* 60 in [152.4 cm]
Weight 0.223 lbs [101.15 g]

Cable

Cable Type RG223
Impedance 50 Ohms
Inner Conductor Type Solid
Inner Conductor Material and Plating Copper, Silver
Dielectric Type PE

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Number of Shields

Shield Layer 1 Silver Plated Copper Braid Shield Layer 2 Silver Plated Copper Braid

Jacket Material PVC, Black

Jacket Diameter 0.209 in [5.31 mm]

Repeated Minimum Bend Radius 1 in [25.4 mm]

Connectors

Description	Connector 1	Connector 1 Connector 2	
Туре	BNC Female	N Female	
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	1
Dielectric Type	PTFE	PTFE	
Body Material & Plating	Brass, Nickel	Brass, Nickel	
Body Plating Spec.	100 µin minimum	ı 100 µin minimur	n

Environmental Specifications

Temperature

Operating Range -40 to +80 deg C

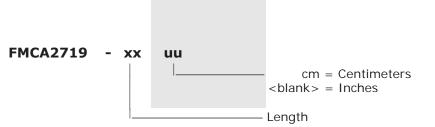
Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

How to Order

Part Number Configuration:



Example: FMCA2719-12 = 12 inches long cable

FMCA2719-100cm = 100 cm long cable

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BNC Female Bulkhead to N Female 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 N Female Cable in 60 Inch Length Using RG223 Coax FMCA2719-60

URL: https://www.fairviewmicrowave.com/bnc-female-bulkhead-to-n-female-cable-rg223-coax-in-60-inch-fmca2719-60-p.aspx

