

BNC Plug Right Angle to BNC Plug Right Angle using RG58 Coax Cable

The RA BNC plug to RA BNC plug cable using RG58, part number FMCA9855, from Fairview Microwave is in-stock and ships same day. This Fairview BNC to BNC cable assembly has a plug to plug gender configuration with 50 ohm. The FMCA9855 BNC plug to BNC plug cable assembly operates to 4 GHz. The right angle BNC interfaces on the cable allow for easier connections in tight spaces.

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		4	GHz
VSWR			1.4:1	
Velocity of Propagation		65.9		%
Capacitance		29.4 [96.46]		pF/ft [pF/m]

Performance by Frequency

Description	F1	F2	F3	F4	F5	Units
Frequency	0.1	0.25	0.5	1	4	GHz
Insertion Loss (Typ.)	0.04	0.07	0.11	0.2	0.5	dB/ft
	0.13	0.23	0.36	0.66	1.64	dB/m

Electrical Specification Notes:

Insertion Loss does not include the loss of the connectors. Insertion Loss is estimated as 0.2 dB per connector

Mechanical Specifications

Cable Assembly

Cable

Impedance	50 Ohms
Inner Conductor Type	Stranded
Inner Conductor Material and Plating	Copper, Tin
Dielectric Type	PE
Number of Shields	1
Shield Layer 1	Tinned Copper Braid



Configuration:

- BNC Plug Right Angle
- BNC Plug Right Angle
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Features:

- Max Frequency 4 GHz
- 65.9% Phase Velocity
- VSWR of 1.4:1

Applications:

- General Purpose
- Laboratory Use
- Military
- Aerospace
- Wireless Communications
- General Purpose Test

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Connectors

Description	Connector 1	Connector 2
Type	BNC Plug Threaded	BNC Plug Threaded
Impedance	50 Ohms	50 Ohms
Contact Material & Plating	Bronze, Gold over Copper	Bronze, Gold over Copper
Body Material & Plating	Bronze, Copper-Tin-Zinc Alloy	Bronze, Copper-Tin-Zinc Alloy

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

Plotted and Other Data

Notes:

- Values at 25°C, sea level.

How to Order

Part Number Configuration:

FMCA9855 - xx uu

cm = Centimeters
 <blank> = Inches

Length

Example: FMCA9855-12 = 12 inches long cable
 FMCA9855-100cm = 100 cm long cable

BNC Plug Right Angle to BNC Plug Right Angle using RG58 Coax Cable 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 Plug Right Angle to BNC Plug Right Angle using RG58 Coax Cable FMCA9855](#)

URL: <https://www.fairviewmicrowave.com/non-magnetic-ra-bnc-plug-to-ra-bnc-plug-cable-rg58-coax-fmca9855-p.aspx>

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