

**BNC Male (Plug) to BNC Male (Plug)
Cable RG-58 Coax Up To 4 GHz**



FMC0808058

Configuration

- Connector 1: BNC Male
- Connector 2: BNC Male
- Cable Type: RG-58
- Coax Flex Type: Flexible

Features

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

Applications

- General Purpose
- Laboratory Use

Description

The BNC male to BNC male cable using RG-58 coax, part number FMC0808058, from Fairview Microwave is in-stock and ships same day. This Fairview BNC to BNC cable assembly has a male to male gender configuration with 50 ohm flexible RG-58 coax. Fairview Microwave's flexible RF cable assemblies are ideal for applications where tight bends and continual flexure are required. The FMC0808058 BNC male to BNC male cable assembly operates to 4 GHz.

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	Minimum	Typical	Maximum	Units
Frequency Range	DC		4	GHz
VSWR			1.4:1	
Velocity of Propagation		66		%
Capacitance		30.8 [101.05]		pF/ft [pF/m]

Specifications by Frequency

Description	F1	F2	F3	F4	F5	Units
Frequency	1	2	3	4		GHz
Insertion Loss (Typ.)	0.15	0.219	0.28	0.34		dB/ft
	0.49	0.72	0.92	1.12		dB/m

Mechanical Specifications

Cable Assembly
Width/Diameter

0.571 in [14.5 mm]

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Weight	0.05026 lbs [22.8 g]
Cable	
Cable Type	RG-58
Impedance	50 Ohms
Inner Conductor Type	Solid
Inner Conductor Material and Plating	Copper, Tin
Dielectric Type	PE
Number of Shields	1
Shield Layer 1	Tinned Copper Braid
Jacket Material	PVC, Black
Jacket Diameter	0.195 in [4.95 mm]

Connectors

Description	Connector 1	Connector 2
Type	BNC Male	BNC Male
Impedance	50 Ohms	50 Ohms
Configuration	Straight	Straight
Color	Silver	
Contact Material and Plating	Brass, Gold	Brass, Gold
Contact Plating Specification	30µ in. minimum	30µ in. minimum
Dielectric Type	Teflon	Teflon
Body Material and Plating	Brass, Nickel	Brass, Nickel
Body Plating Specification	100µ in. minimum	100µ in. minimum

Environmental Specifications

Operating Range Temperature -40 to +80 deg C

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

Plotted and Other Data

Notes:

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Typical Performance Data

How to Order



Example: FMC0808058-12 = 12 inches long cable
FMC0808058-100cm = 100 cm long cable

BNC Male (Plug) to BNC Male (Plug) Cable RG-58 Coax Up To 4 GHz from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Lewisville, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [BNC Male \(Plug\) to BNC Male \(Plug\) Cable RG-58 Coax Up To 4 GHz FMC0808058](https://www.fairviewmicrowave.com/bnc-male-bnc-male-cable-rg58cu-coax-fmc0808058-p.aspx)

URL: <https://www.fairviewmicrowave.com/bnc-male-bnc-male-cable-rg58cu-coax-fmc0808058-p.aspx>

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FMC0808058 CAD Drawing

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