

## FMC0808058 DATA SHEET

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

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	Min	Т	ур Мах	ι	Jnits
Frequency Range	DC		4		GHz
VSWR			1.4:1		
Velocity of Propagation		6	66		%
Capacitance		30.8 [	101.05]	pF/f	t [pF/m]

#### **Performance 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**

 Diameter
 0.571 in [14.5 mm]

 Weight
 0.05026 lbs [22.8 g]

### Cable

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

RG-58 50 Ohms Solid Copper, Tin PE 1

Tinned Copper Braid PVC, Black

0.195 in [4.95 mm]



## **Configuration:**

- BNC Male
- BNC Male
- RG-58

## Features:

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

## **Applications:**

- General Purpose
- Laboratory Use

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#### **Connectors**

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

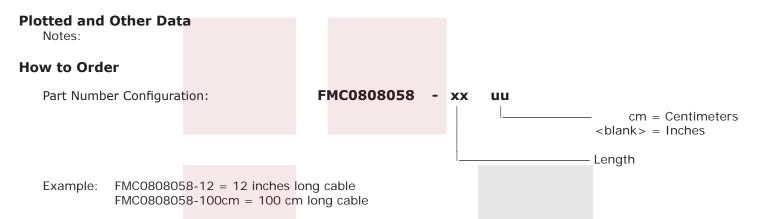
## **Environmental Specifications**

**Temperature** 

Operating Range

-65 to +165 deg C

## **Compliance Certifications** (see product page for current document)



BNC Male (Plug) to BNC Male (Plug) Cable RG-58 Coax Up To 4 GHz 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 Male (Plug) to BNC Male (Plug) Cable RG-58 Coax Up To 4 GHz FMC0808058

URL: https://www.fairviewmicrowave.com/bnc-male-bnc-male-cable-rg58cu-coax-fmc0808058-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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