

## BNC Male (Plug) to BNC Male (Plug) Cable RG-58 Coax Up To 4 GHz in 36 Inch



### FMC0808058-36

### Configuration

Connector 1: BNC MaleConnector 2: BNC MaleCable Type: RG-58Coax 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 36 inch cable using RG-58 coax, part number FMC0808058-36, 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 FMC0808058-36 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.)	0.45	0.659	0.84	1.019		dB

### **Mechanical Specifications**

Cable Assembly Width/Diameter Weight

0.571 in [14.5 mm] 0.1255 lbs [56.93 g]



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Cable

Cable TypeRG-58Impedance50 OhmsInner Conductor TypeSolidInner Conductor Material and PlatingCopper, TinDielectric TypePE

Number of Shields Shield Layer 1

Jacket Material PVC, Black
Jacket Diameter 0.195 in [4.95 mm]

### **Connectors**

Description	Connector 1	Connector 2	
Туре	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	

**Tinned Copper Braid** 

### **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 in 36 Inch 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 in 36 Inch FMC0808058-36

URL: https://www.fairviewmicrowave.com/bnc-male-bnc-male-cable-rg58cu-coax-fmc0808058-36-p.aspx

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