

**BNC Male to BNC Male Cable RG-142 Coax**

**Electrical Specifications**

Description	Min	Typ	Max	Units
Frequency Range	DC		1,000	MHz
VSWR			1.35:1	
Velocity of Propagation		70		%
Capacitance		29.39 [96.42]		pF/ft [pF/m]

**Mechanical Specifications**

**Cable Assembly**

Diameter	0.78 in [19.81 mm]
Weight	0.15432 lbs [70 g]

**Cable**

Cable Type	M17/60-RG142
Impedance	50 Ohms
Inner Conductor Type	Solid
Inner Conductor Material and Plating	Copper Clad Steel, Silver
Dielectric Type	PTFE
Number of Shields	2
Shield Layer 1	Silver Plated Copper Braid
Shield Layer 2	Silver Plated Copper Braid
Jacket Material	FEP
Jacket Diameter	0.195 in [4.95 mm]

**Connectors**

Description	Connector 1	Connector 2
Type	BNC Male	BNC Male
Polarity	Standard	Standard
Impedance	50 Ohms	50 Ohms
Contact Material & Plating	Brass	Brass
Dielectric Type	PTFE	PTFE
Coupling Nut Material & Plating		Brass, Nickel
Body Material & Plating	Brass, Nickel	Brass, Nickel

**Environmental Specifications**

**Temperature**

Operating Range	-55 to +200 deg C
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**Compliance Certifications** (visit [www.FairviewMicrowave.com](http://www.FairviewMicrowave.com) for current document)

**Plotted and Other Data**

Notes:

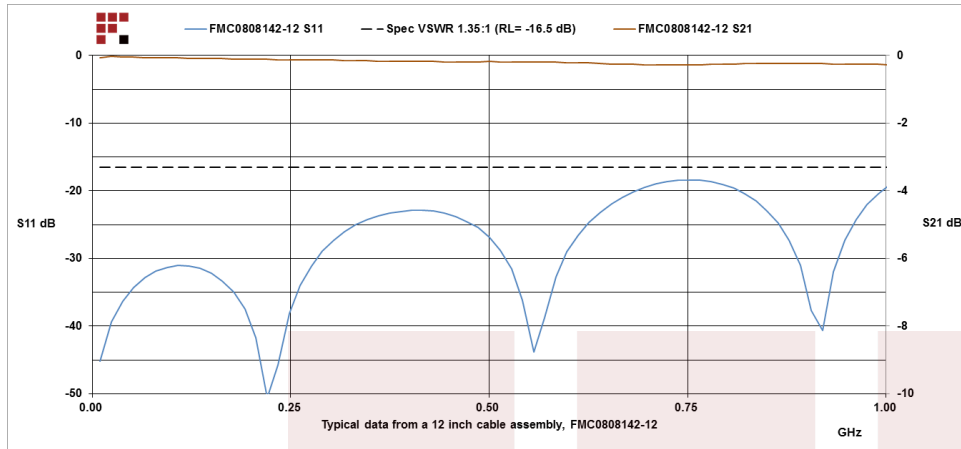


**Configuration:**

- BNC Male
- BNC Male
- M17/60-RG142

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**Typical Performance Data**



**How to Order**

Part Number Configuration:

**FMC0808142 - xx uu**

cm = Centimeters  
 <blank> = Inches

Length

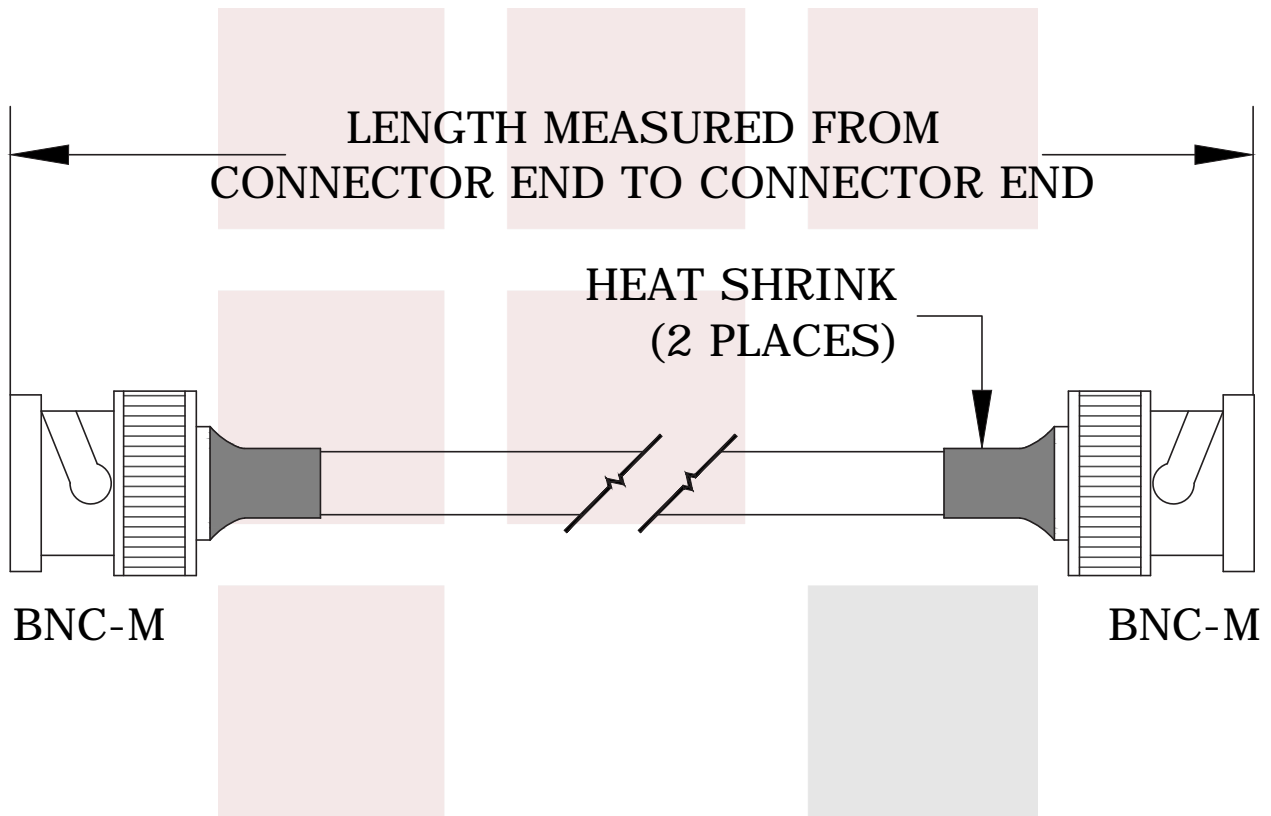
Example: FMC0808142-12 = 12 inches long cable  
 FMC0808142-100cm = 100 cm long cable

BNC Male to BNC Male Cable RG-142 Coax from Fairview Microwave has same day shipment for domestic and International orders. Our RF, microwave and fiber optic 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 to BNC Male Cable RG-142 Coax FMC0808142](#)

URL: <http://www.fairviewmicrowave.com/standard-bnc-male-bnc-male-cable-rg142-coax-fmc0808142-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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TITLE BNC Male to BNC Male Cable RG-142 Coax		DWG NO <b>FMC0808142</b>		CAGE CODE <b>3FKR5</b>	
CAD FILE	102114	SHEET	SCALE	N/A	SIZE A 5568