

BNC Male (Plug) to BNC Male (Plug) Adapter, Commercial Grade

FMAD10059



Configuration

- BNC Male Connector 1
- BNC Male Connector 2

- 50 Ohms Impedance
- Straight Body Geometry

Features

- VSWR of 1.3:1 max up to 4 GHz
- Gold Plated Brass Contact
- Couples devices with female BNC interfaces
- Nickel plated body for enhanced corrosion resistance

- Difficult to find male to male configuration
- Gold plated contact pin for reduced signal loss
- Handy device to help solve your interconnection problems

Applications

- General Purpose Test
- Coaxial Extension
- Coaxial interface conversion
- OEM coax applications
- Coax retrofit applications
- Low-loss coax

Description

BNC male to BNC male adapter part number FMAD10059 from Fairview Microwave is in-stock and ships same day. This Fairview BNC to BNC adapter has a male to male gender configuration. FMAD10059 BNC male to BNC male adapter operates to 4 GHz. The Fairview Microwave RF adapter provides good VSWR of 1.3:1 maximum. This 50 Ohm BNC male coupler provides the ability to interconnect two devices with BNC female interfaces. A common use for this device is to change the gender of a device from BNC female to BNC male.

RF adapters can be used to enable connections between two connector types that would otherwise not mate. Certain RF adapter configurations can also be used to protect connectors on expensive equipment where the number of connect and disconnect cycles is high. An RF, microwave, or millimeter wave adapter is connected to the equipment and the commonly changed connection is made with the adapter which can be easily replaced when it wears out after high usage; such adapters are referred to as connector savers. Fairview Microwave also offers bulkhead, panel mount, hermetically sealed, reverse polarity, and isolated ground adapter varieties to serve all of your RF, microwave and millimeter wave needs.

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		4	GHz
Impedance		50		Ohms
VSWR			1.3:1	
Operating Voltage (DC)			500	Vdc

Mechanical Specifications

Size

Length	1.25 in [31.75 mm]
Width	0.57 in [14.48 mm]
Height	0.57 in [14.48 mm]
Weight	0.04 lbs [18.14 g]

Description	Connector 1	Connector 2
Polarity	Standard	Standard

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Material Specifications

Description	Connector 1		Connector 2	
	Material	Plating	Material	Plating
Type	BNC Male		BNC Male	
Contact	Brass	Gold	Brass	Gold
Insulation	POM		POM	
Outer Conductor	Brass	Nickel	Brass	Nickel
Body	Brass	Nickel	Brass	Nickel
Gasket	PVC			
Washer	Steel	Nickel		

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

BNC Male (Plug) to BNC Male (Plug) Adapter, Commercial Grade 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 \(Plug\) Adapter, Commercial Grade FMAD10059](#)

URL: <https://www.fairviewmicrowave.com/product/rf-adapters/bnc-male-to-bnc-male-adapter-fmad10059.html>

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FMAD10059 CAD Drawing

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