

## BNC Jack Bulkhead Non-Magnetic Connector Crimp/Solder Attachment for 0.141 Cable

BNC Jack Bulkhead Non-Magnetic Bulkhead Connector Crimp/Solder Attachment for 0.141 Cable, part number FMCN45880, from Fairview Microwave is in-stock and ships same day. This BNC jack connector operates up to a maximum frequency of 4 GHz and offers good VSWR of 1.3:1. Fairview's FMCN45880 bulkhead BNC connector enables designers to make external connections on product enclosures, and can be used in a variety of other rack mount and panel mount applications. Fairview's Non Magnetic connectors are manufactured with materials that are especially adapted to non magnetism. Our non-magnetic connectors have a susceptibility of around  $10^{-5}$ , as opposed to  $10^{-2}$  for standard connectors made of brass/nickel materials. As a result, our non-magnetic connectors are transparent to the magnetic field, which means no field distortion and a higher Signal-to-Noise Ratio (SNR).

Fairview's BNC jack bulkhead connector FMCN45880 datasheet specifications and outline drawing are shown in this PDF below. Our extensive offering of RF, microwave and millimeter wave connectors allows designers to configure and customize their signal connections however they like. From providing an I/O for a board design to creating a custom cable assembly configuration, Fairview Microwave has a connector solution to meet your needs. Fairview Microwave also has the expertise to build your custom cable assemblies for you and ship them same-day.

### Electrical Specifications

Description	Min	Typ	Max	Units
Frequency Range	DC		4	GHz
VSWR			1.3:1	
Insertion Loss			0.2	dB
Operating Voltage (AC)			500	Vrms
DWV (AC)			1,500	Vrms
Insulation Resistance	5,000			MOhms
RF Leakage	55			dB

### Mechanical Specifications

Size	
Length	0.87402 in [22.2 mm]
Width/Dia.	1 in [25.40 mm]
Height	1 in [25.4 mm]
Weight	0.06333 lbs [28.73 g]
Mating Cycles	500 Cycles

### Material Specifications

Description	Material	Plating
Contact	Beryllium Copper	Gold over Copper
Body	BZ4	Copper-Tin-Zinc Alloy
Gasket	Silicone Rubber	



### Configuration:

- BNC Jack Connector
- 50 Ohms
- Straight Body Geometry
- 0.141 Cable Interface Type
- Crimp/Solder Attachment
- Bulkhead
- Non-Magnetic Design

### Features:

- Operating Frequency of 4 GHz Max.
- Good VSWR of 1.3:1
- Gold over Copper Plated Beryllium Copper Contact
- Magnetic Susceptibility  $10^{-5}$

### Applications:

- General Purpose Test
- Rack and Panel Mount Applications
- Custom Cable Assemblies
- Medical
- Military and Aerospace
- Quantum Computing

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**Environmental Specifications**

**Temperature**

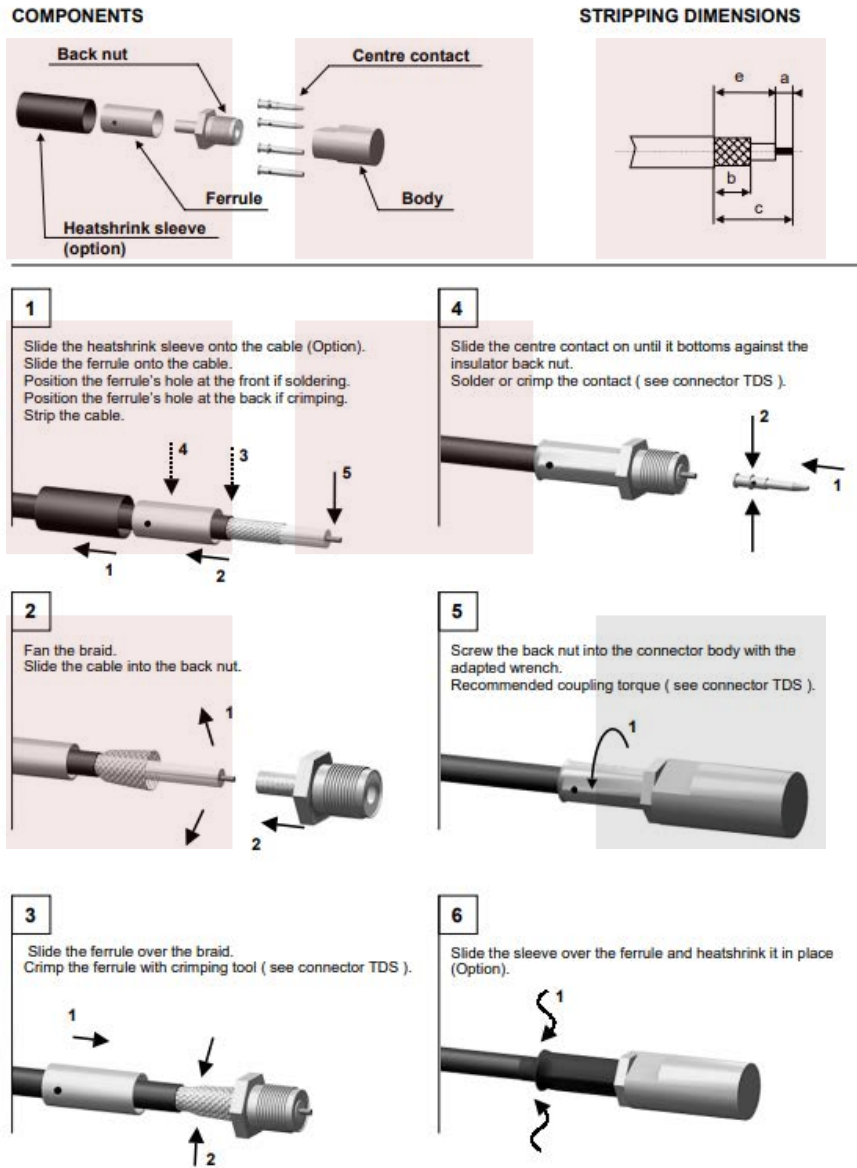
Operating Range -65 to +165 deg C

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

**Plotted and Other Data**

Notes:

**Assembly Instruction**



BNC Jack Bulkhead Non-Magnetic Connector Crimp/Solder Attachment for 0.141 Cable 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 Jack Bulkhead Non-Magnetic Connector Crimp/Solder Attachment for 0.141 Cable FMCN45880](#)

URL: <https://www.fairviewmicrowave.com/bnc-jack-connector-fmcn45880-p.aspx>

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