Bulkhead N Female (Jack) to BNC Female (Jack) Adapter, Commercial Grade

FMAD10096

Configuration

- N Female Connector 1
- BNC Female Connector 2
- 50 Ohms Impedance

Features

- VSWR of 1.3:1 max up to 4 GHz
- Gold Plated Brass Contact
- Provides Between Series N to BNC Connections
- · Operates to 4 GHz

Applications

- Enables Between Series Connections
- General Purpose Test
- Rack Mounted Equipment

- Straight Body Geometry
- Bulkhead Mount Method
- Max VSWR of 1.3:1
- · Gold Plated Center Contacts
- Bulkhead Mount
- General Lab Use
- Cable to Cable Connection
- System Interconnect up to 4 GHz

Description

Bulkhead type N female to BNC female adapter part number FMAD10096 from Fairview Microwave is in-stock and ships same day. This Fairview type N to BNC adapter has a female to female gender configuration. FMAD10096 type N female to BNC female adapter operates to 4 GHz. The Fairview Microwave RF adapter provides good VSWR of 1.3:1 maximum. Our RF type N bulkhead to BNC adapter allows designers to create external connections on their product enclosures, and can be used in a variety of other rack mount and panel mount applications.

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 (AC) | | | 500 | Vrms |

Mechanical Specifications

| Size | |
|--------|--------------------|
| Length | 1.46 in [37.08 mm] |
| Width | 0.90 in [22.86 mm] |
| Height | 0.90 in [22.86 mm] |
| Weight | 0.09 lbs [40.37 g] |
| | |







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| Description | Connector 1 | Connector 2 |
|-------------|-------------|-------------|
| Polarity | Standard | Standard |

Material Specifications

| | Connector 1 | | Connector 2 | |
|-----------------|-------------|---------|-------------|---------|
| Description | Material | Plating | Material | Plating |
| Туре | N Female | | BNC Female | |
| Contact | Brass | Gold | Brass | Gold |
| Insulation | PTFE | | PTFE | |
| Outer Conductor | Brass | Nickel | Brass | Nickel |
| Body | Brass | Nickel | Brass | Nickel |
| Gasket | Silicone | | | |

Environmental Specifications

Temperature Operating Range

-65 to +165 °C

Compliance Certifications (see product page for current document)

Plotted and Other Data

Bulkhead N Female (Jack) to BNC Female (Jack) 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.

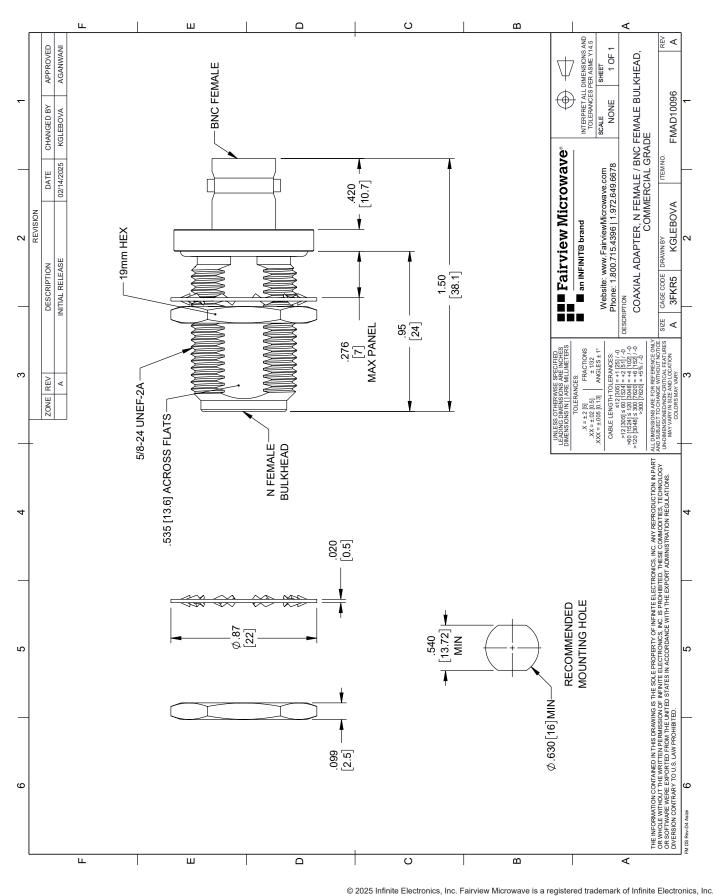
For additional information on this product, please click the following link: Bulkhead N Female (Jack) to BNC Female (Jack) Adapter, Commercial Grade FMAD10096

URL: https://www.fairviewmicrowave.com/product/rf-adapters/bulkhead-n-female-to-bnc-female-adapter-fmad10096. html

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FMAD10096 CAD Drawing

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