

Bulkhead Mount HN Female to HN Female Adapter



RF Adapters Technical Data Sheet

ET1235

3

Configuration

- HN Female Connector 1
- HN Female Connector 2
- 50 Ohms

- Straight Body Geometry
- Bulkhead Mount Method

Features

- Max VSWR of 1.3:1 up to 2 GHz
- HN Interface compliant with MIL-STD-348A
- Gold Plated Brass Contact

Applications

General Purpose Test

Rack Mounted Equipment

Description

Ebeestock's ET12353 bulkhead HN female to HN female adapter is part of our full line of RF components available for same- day shipping. Our HN to HN adapter has a female to female gender configuration. ET12353 HN female to HN female adapter operates to 2 GHz. The Ebeestock RF adapter provides good VSWR of 1.3:1 maximum. This RF HN bulkhead to HN 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 are often used to enable connections between two connector types that would otherwise not mate. Certain adapter configurations can also be used to protect connectors on expensive equipment where the number of connect/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. Ebeestock 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 | | | |
|---------------------------|-------|-------|-------|
| Erequency Range | DC | 2 | GHz |
| VSWR | | 1.3:1 | |
| Operating Voltage (AC) | | 1,900 | Vrms |
| Insulation Resistance | 5,000 | | MOhms |

Electrical Specification Notes: Values at 25°C, sea level.

Mechanical Specifications

Size

 Length
 1.97 in [50.04 mm]

 Width
 1 in [25.4 mm]

 Weight
 0.167 lbs [75.75 g]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: Bulkhead HN Female to HN Female Adapter ET12353

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| Description | Connector 1 | Connector 2 |
|-------------------------|--------------|--------------|
| Туре | HN Female | HN Female |
| Polarity | Standard | Standard |
| Interface Specification | MIL-STD-348A | MIL-STD-348A |
| | | |

Material Specifications

| Description | Conne | ctor 1 | Conne | ctor 2 |
|-----------------|-----------|---------|-----------|---------|
| | Material | Plating | Material | Plating |
| Туре | HN Female | | HN Female | |
| Contact | Brass | Gold | Brass | Gold |
| Insulation | PTFE | | PTFE | |
| Outer Conductor | Brass | Nickel | Brass | Nickel |

Environmental Specifications

Temperature

Operating Range -55 to +155 deg C

Vibration

MIL-STD-202, Method 204, Condition B

Temperature Cycling

MIL-STD-202, Method 107, Condition B

Salt Spray

MIL-STD-202, Method 101, Condition B

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

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Bulkhead HN Female to HN Female Adapter from Ebeestock Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99% availability and are part of the broadest selection in the industry.

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URL: https://www.ebeestock.com/bulkhead-mount-hn-female-to-hn-female-adapter-0012353

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. Ebeestock reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Ebeestock does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Ebeestock does not assume any liability arising out of the use of any part or documentation.

ET12353 CAD Drawing
Bulkhead HN Female to HN Female Adapter

