

MHV Female to MHV Female Adapter



## RF Adapters Technical Data Sheet

ET1240

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### Configuration

- MHV Female Connector 1
- MHV Female Connector 2

#### Features

- Max VSWR of 1.3:1 up to 300 MHz
- MHV Interface compliant with MIL-STD-348A
- 50 Ohms
- Straight Body Geometry
- Gold Plated Brass Contact
- 30 µ-in min Gold Contact Plating

## Applications

General Purpose Test

#### Description

Ebeestock's ET12405 MHV female to MHV female adapter is part of our full line of RF components available for same-day shipping. Our MHV to MHV adapter has a female to female gender configuration. ET12405 MHV female to MHV female adapter operates to 300 MHz. The Ebeestock RF adapter provides good VSWR of 1.3:1 maximum.

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.

| ctrical Specifications |         |      |
|------------------------|---------|------|
| Erequency Range        | <br>300 | MHz  |
| VSWR                   | 1.3:1   |      |
| Operating Voltage (AC) | 1,600   | Vrms |

#### Mechanical Specifications

| Size                    | 4 F ! FOO 4  | <b></b>      |  |
|-------------------------|--------------|--------------|--|
| Length                  | 1.5 in [38.1 | mmj          |  |
| Width                   | 0.472 in [11 | .99 mm]      |  |
| Weight                  | 0.04 lbs [18 | 3.14 g]      |  |
|                         |              |              |  |
| Type                    | MHV Female   | MHV Female   |  |
| Polarity                | Standard     | Standard     |  |
| Interface Specification | MIL-STD-348A | MIL-STD-348A |  |

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: MHV Female to MHV Female Adapter ET12405

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#### Material Specifications

|                 | Connector 1 |                  | Connector 2 |                  |
|-----------------|-------------|------------------|-------------|------------------|
| Description     | Material    | Plating          | Material    | Plating          |
| Туре            | MHV Female  |                  | MHV Female  |                  |
| Contact         | Brass       | Gold             | Brass       | Gold             |
|                 |             | 30 µ-in minimum  |             | 30 µ-in minimum  |
| Insulation      | PTFE        |                  | PTFE        |                  |
| Outer Conductor | Brass       | Nickel           | Brass       | Nickel           |
|                 |             | 100 μ-in minimum |             | 100 μ-in minimum |

# **Environmental Specifications**

Temperature

Operating Range

-65 to +165 deg C

Compliance Certifications (see product page for current document)

#### Plotted and Other Data

Notes:

MHV Female to MHV 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/mhv-female-to-mhv-female-adapter-0012405

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.

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# ET12405 CAD Drawing MHV Female to MHV Female Adapter

