

MHV Tee Adapter Female-Male-Female



# RF Adapters Technical Data Sheet

ET1240

2

#### Configuration

- MHV Female Connector 1
- MHV Male Connector 2

- 50 Ohm
- Tee Body Geometry

#### Features

• MHV interface compliant with MIL-STD-348

#### Applications

General Purpose Test

#### Description

Ebeestock's ET12402 MHV Tee adapter female-male-female is part of our full line of RF components available for same-day shipping. Our MHV tee adapter has a female-male-female gender configuration. Our MHV tee connector operates to 50 MHz. Tee adapters (also called tee connectors) are three port devices that can be used to split or combine a signal. Unlike power dividers/combiners, however, they do not provide matched impedance at all ports.

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.

lectrical Specifications					
Erequency Range	DC	50	MHz		
Operating Voltage (AC)		3,500	Vrms		
Operating Voltage (DC)		5,000	Vdc		
Dielectric Withstanding Voltage (AC)		5,000	Vrms		
Insulation Resistance	5,000		MOhms		

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

#### Mechanical Specifications

Size
Length
Width
Height
Weight

1.281 in [32.54 mm] 0.57 in [14.48 mm] 1.082 in [27.48 mm] 0.042 lbs [19.05 g]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: MHV Tee Adapter Female-Male-Female ET12402



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Description	Connector 1	Connector 2
Туре	MHV Female	MHV Male
Polarity	Standard	Standard
Interface Specification	MIL-STD-348	MIL-STD-348

#### Material Specifications

Connector 1		Connector 2	
Material	Plating	Material	Plating
MHV Female		MHV Male	
Beryllium Copper	Silver over Copper	Brass	Silver over Copper
			QQ-S-365
PTFE		PTFE	
Brass	Nickel		
	QQ-N-290		
		Brass	Nickel
			QQ-N-290
		Brass	Nickel
			QQ-N-290
	MHV Female Beryllium Copper  PTFE	MHV Female  Beryllium Copper Silver over Copper  PTFE  Brass Nickel	MaterialPlatingMaterialMHV FemaleMHV MaleBeryllium CopperSilver over CopperBrassPTFEPTFEPTFEBrassNickel QQ-N-290Brass

# **Environmental Specifications**Temperature

Operating Range

-65 to +165 deg C

Compliance Certifications (see product page for current document)

### Plotted and Other Data

Notes:

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MHV Tee Adapter Female-Male-Female from Ebeestock Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99.4% availability and are part of the broadest selection in the industry.

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: MHV Tee Adapter Female-Male-Female ET12402

URL: https://www.ebeestock.com/mhv-tee-adapter-female-male-female-0012402

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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# ET12402 CAD Drawing MHV Tee Adapter Female-Male-Female

