

Bulkhead Mount Hermetically Sealed MHV Female to MHV Female Adapter

PE9268



Configuration

- MHV Female Connector 1
- MHV Female Connector 2
- 50 Ohms Impedance
- Straight Body Geometry
- Bulkhead Mount Method

Features

- Hermetically Sealed
- MHV interface compliant with MIL-STD-348
- Contact plating according to QQ-S-365
- Silver Plated Beryllium Copper Contact

Applications

- General Purpose Test
- Vacuum Test Environment
- Rack Mounted Equipment

Description

Pasternack's PE9268 bulkhead hermetically sealed 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. PE9268 MHV female to MHV female adapter operates to 50 MHz. This RF MHV bulkhead to MHV 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. This hermetic MHV to MHV adapter prevents the leakage of gases, making it suitable for high pressure or vacuum applications or whenever an airtight seal is required.

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. Pasternack 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		50	MHz
Impedance		50		Ohms
Operating Voltage (AC)			3,500	Vrms
Dielectric Withstanding Voltage (AC)			5,000	Vrms
Insulation Resistance	5,000			MOhms

Mechanical Specifications

Size

Length	1.43 in [36.40 mm]
Width	0.69 in [17.48 mm]
Height	0.38 in [9.68 mm]
Weight	0.05 lbs [22.68 g]

Description	Connector 1	Connector 2
Polarity	Standard	Standard
Interface Specification	MIL-STD-348	MIL-STD-348

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Description	Connector 1	Connector 2
Connector Option	Hermetically Sealed	Hermetically Sealed

Material Specifications

Description	Connector 1		Connector 2	
	Material	Plating	Material	Plating
Type	MHV Female		MHV Female	
Contact	Beryllium Copper	Silver QQ-S-365	Beryllium Copper	Silver QQ-S-365
Insulation	PTFE		PTFE	
Outer Conductor	Brass	Nickel QQ-N-290	Brass	Nickel QQ-N-290
Gasket	Silicone		Silicone	

Environmental Specification Notes:
Pressure Rating: 50 PSI

Hermetic Seal: After sealing, this item shall withstand a pressure differential of one atmosphere with the leak rate not to exceed 1×10^{-7} CC/sec. of helium.

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

Bulkhead Mount Hermetically Sealed MHV Female to MHV Female Adapter from Pasternack 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: [Bulkhead Mount Hermetically Sealed MHV Female to MHV Female Adapter PE9268](#)

URL: <https://www.pasternack.com/bulkhead-mount-hermetically-sealed-mhv-female-to-mhv-female-adapter-pe9268-p.aspx>

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PE9268 CAD Drawing

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