

SHV Jack to SHV Jack Adapter



# RF Adapters Technical Data Sheet

ET1261

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## Configuration

- SHV Jack Connector 1
- SHV Jack Connector 2

#### Features

- Max VSWR of 1.3:1 up to 300 MHz
- SHV 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 ET12612 SHV jack to SHV jack adapter is part of our full line of RF components available for same-day shipping. Our SHV to SHV adapter has a jack to jack gender configuration. ET12612 SHV jack to SHV jack 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	DC	300	MHz
VSWR		1.3:1	
Operating Voltage (AC)		3,500	Vrms

#### Mechanical Specifications

Size Length Width	1.98 in [50.29 mm] 0.433 in [11 mm]			
Weight	0.046 lbs [20.87 g]			
Type	SHV Jack	SHV Jack		
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: SHV Jack to SHV Jack Adapter ET12612

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#### Material Specifications

	Connector 1		Connector 2	
Description	Material	Plating	Material	Plating
Туре	SHV Jack		SHV Jack	
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:

SHV Jack to SHV Jack 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/shv-jack-to-shv-jack-adapter-0012612

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.

# ET12612 CAD Drawing SHV Jack to SHV Jack Adapter

