

SMC Jack to SMB Plug Adapter



# RF Adapters Technical Data Sheet

ET1278

1

### Configuration

- SMC Jack Connector 1
- SMB Plug Connector 2

- 50 Ohms
- Straight Body Geometry

#### Features

- SMC Interface compliant with MIL-STD-348
- SMB Interface compliant with MIL-STD-348
- Gold Plated Contact
- Contact Plating per MIL-G-45204

### Applications

Allows Connection Between Series

General Purpose Test

#### Description

Ebeestock's ET12781 SMC jack to SMB plug adapter is part of our full line of RF components available for same-day shipping. Our SMC to SMB adapter has a jack to plug gender configuration.

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.

#### Mechanical Specifications

Size Length Width	0.66 in [16.76 mm]				
Weight	0.25 in [6.35 mm] 0.006 lbs [2.72 g]				
	SMC Jack	SMB Plug			
Polarity	Standard	Standard			
Interface Specification	MIL-STD-348	MIL-STD-348			

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: SMC Jack to SMB Plug Adapter ET12781



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#### Material Specifications

	Connector 1		Connector 2	
Description	Material	Plating	Material	Plating
Туре	SMC Jack		SMB Plug	
Contact		Gold		Gold
		MIL-G-45204		MIL-G-45204
Insulation	PTFE		PTFE	
Outer Conductor	Brass	Nickel		
		QQ-N-290		
Body			Brass	Nickel
				QQ-N-290
Coupling Nut			Brass	Nickel
				QQ-N-290

# Environmental Specifications

Temperature

Operating Range

-65 to +165 deg C

Compliance Certifications (see product page for current document)

#### Plotted and Other Data

Notes:

SMC Jack to SMB Plug 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/smc-jack-to-smb-plug-adapter-0012781

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.

# ET12781 CAD Drawing SMC Jack to SMB Plug Adapter

