

SMA Female to SSMC Jack Adapter



# RF Adapters Technical Data Sheet

ET12681

### Configuration

- SMA Female Connector 1
- SSMC Jack Connector 2

- 50 Ohm
- Straight Body Geometry

#### Features

- Max VSWR of 1.25:1 up to 3 GHz
- SMA interface compliant with MIL-STD-348
- SSMC interface compliant with MIL-C-39012
- Contact plating according to MIL-G-45204
- Gold Plated Beryllium Copper Contact

### Applications

Allows Connection Between Series

General Purpose Test

#### Description

Ebeestock's ET12681 SMA female to SSMC jack adapter is part of our full line of RF components available for same-day shipping. The SMA connector mates mechanically with commercially available 3.5mm and 2.92mm (K) connectors. Our SMA to SSMC adapter has a female to jack gender configuration. ET12681 SMA female to SSMC jack adapter operates to 3 GHz. The Ebeestock RF adapter provides excellent VSWR of 1.25:1 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.

#### Electrical Specifications

Description	Minimum	Typical	Maximum	Units	
Frequency Range	DC		3	GHz	
VSWR		1.25:1			

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

#### Mechanical Specifications

Size

 Length
 0.74 in [18.8 mm]

 Width
 0.25 in [6.35 mm]

 Weight
 0.008 lbs [3.63 g]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: SMA Female to SSMC Jack Adapter ET12681



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Connector 1	Connector 2
SMA Female	SSMC Jack
Standard	Standard
MIL-STD-348	MIL-C-39012
	SMA Female Standard

#### Material Specifications

	Connector 1		Connector 2		
Description	Material	Plating	Material	Plating	
Туре	SMA Female		SSMC Jack		
Contact	Beryllium Copper	Gold	Beryllium Copper	Gold	
		MIL-G-45204		MIL-G-45204	
Outer Conductor	Brass	Nickel	Brass	Nickel	
		QQ-N-290		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:

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www.ebeestock.com



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SMA Female to SSMC Jack Adapter 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: SMA Female to SSMC Jack Adapter ET12681

URL: https://www.ebeestock.com/sma-female-to-ssmc-jack-adapter-0012681

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