SMB Tee Adapter Plug-Jack-Jack

RF Adapters Technical Data Sheet   PE9309

Configuration

- SMB Plug Connector 1
- SMB Jack Connector 2
- 50 Ohms
- Tee Body Geometry

Features

- SMB interface compliant with MIL-STD-348
- Contact plating according to MIL-G-45204
- Gold Plated Beryllium Copper Contact

Applications

- General Purpose Test

Description

Pasternack's PE9309 SMB tee adapter plug-jack-jack is part of our full line of RF components available for same-day shipping. Our SMB tee adapter has a plug-jack-jack gender configuration. 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. 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.

Mechanical Specifications
Size

Length	0.788 in [20.02 mm]
Width	0.25 in [6.35 mm]
Height	0.525 in [13.34 mm]
Weight	0.009 lbs [4.08 g]

Description	Connector 1	Connector 2
Type	SMB Plug	SMB Jack
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: SMB Tee Adapter Plug-Jack-Jack PE9309

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Material Specifications

Description	Connector 1			Connector 2		
	Material	Plating		Material	Plating
Type	SMB Plug			SMB Jack	
Contact	Beryllium Copper	Gold		Beryllium Copper	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:

SMB Tee Adapter Plug-Jack-Jack from Pasternack 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.
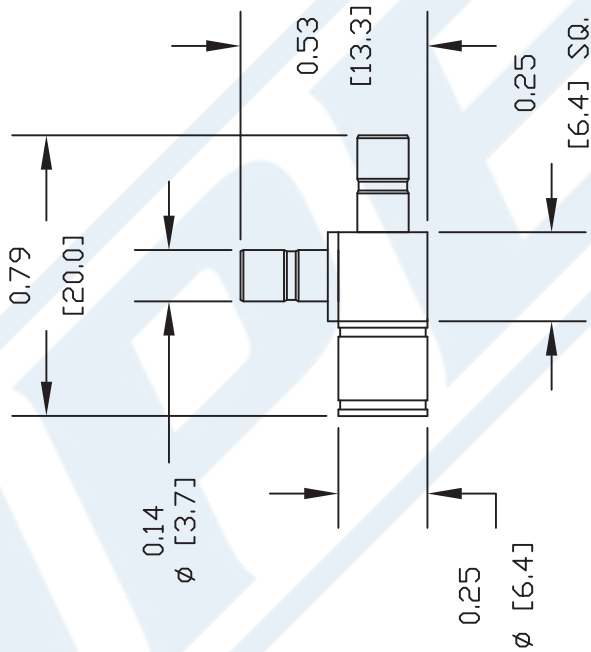
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: SMB Tee Adapter Plug-Jack-Jack PE9309

URL: https://www.pasternack.com/smb-plug-jack-jack-tee-adapter-pe9309-p.aspx

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. Pasternack reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Pasternack does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Pasternack does not assume any liability arising out of the use of any part or documentation.

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PE9309 CAD Drawing
SMB Tee Adapter Plug-Jack-Jack

0.53 [13.3]

0.25 [6.4] SQ.

0.79 [20.0]

0.14 Ø [3.7]

0.25 Ø [6.4]

NOTES:
1. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE NOMINAL.
2. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME.
3. DIMENSIONS ARE IN INCHES [mm].

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SIZE A

SCALE N/A

CAD FILE 090402

FSCM NO. 53919

DWG TITLE

PE9309

REV. -

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