

SMA Female to Mini SMP Male Full Detent Adapter



RF Adapters Technical Data Sheet

ET12425

Configuration

- SMA Female Connector 1
- Full Detent Mini SMP Male Connector 2

- 50 Ohms
- Straight Body Geometry

Features

- Max VSWR of 1.2:1 up to 26.5 GHz
- Gold Plated Beryllium Copper Contact

Contact Plating per MIL-G-45204

Applications

Allows Connection Between Series

General Purpose Test

Description

Ebeestock's ET12425 SMA female to Mini SMP male full detent 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 Mini SMP adapter has a female to male gender configuration. ET12425 SMA female to Mini SMP male adapter operates to 26.5 GHz. The Ebeestock RF adapter provides excellent VSWR of 1.2:1 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		26.5	GHz
VSWR			1.2:1	

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

Mechanical Specifications

Size

 Length
 0.797 in [20.24 mm]

 Width
 0.312 in [7.92 mm]

 Weight
 0.006 lbs [2.72 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 Mini SMP Male Full Detent Adapter ET12425

8th Floor, Building 1, Yongfu Science and Technology Center Industrial Park, Nanzha District 5, Humen,523900, Dongguan, Guangdong, China.



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Description	Connector 1	Connector 2	
Туре	SMA Female	Mini SMP Male	
Polarity	Standard	Standard	

Material Specifications

	Connector 1		Connec	tor 2
Description	Material	Plating	Material	Plating
Туре	SMA Female	Full Detent Mini SMP Male		
Contact	Beryllium Copper	Gold	Beryllium Copper	Gold
		MIL-G-45204		MIL-G-45204
Insulation	PTFE		PTFE	
Outer Conductor Pa	assivated Stainless Steel			
		AMS-QQ-P-35		
Body			Passivated Stainless Steel	
				AMS-QQ-P-35

Environmental Specifications

Temperature

Operating Range -55 to +125 deg C

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

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SMA Female to Mini SMP Male Full Detent 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/sma-female-to-mini-smp-male-full-detent-adapter-0012425

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.

ET12425 CAD Drawing
SMA Female to Mini SMP Male Full Detent Adapter

