

### 2.92mm Female to Mini SMP Male Full Detent Adapter



# RF Adapters Technical Data Sheet

ET11953

## Configuration

- 2.92mm Female Connector 1
- Full Detent Mini SMP Male Connector 2

- 50 Ohms
- Straight Body Geometry

#### Features

- Max VSWR of 1.35:1 up to 40 GHz
- Mini SMP Interface compliant with MIL-STD-348
- Gold Plated Beryllium Copper Contact
- Contact Plating per MIL-G-45204

# Applications

Allows Connection Between Series

General Purpose Test

#### Description

Ebeestock's ET11953 2.92mm female to Mini SMP male full detent adapter is part of our full line of RF components available for same-day shipping. The 2.92mm connector mates mechanically with commercially available SMA and 3.5mm connectors. Our 2.92mm to Mini SMP adapter has a female to male gender configuration. ET11953 2.92mm female to Mini SMP male adapter operates to 40 GHz. The Ebeestock RF adapter provides good VSWR of 1.35:1 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		40	GHz
VSWR			1.35:1	

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

#### Mechanical Specifications

Size

Length 0.873 in [22.17 mm] Weight 0.06 lbs [27.22 g]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: 2.92mm Female to Mini SMP Male Full Detent Adapter ET11953

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



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Connector 1	Connector 2	
2.92mm Female	Mini SMP Male	
Standard	Standard	
	MIL-STD-348	
	2.92mm Female	

#### Material Specifications

	Connector 1		Connector 2		
Description	Material	Plating	Material	Plating	
Туре	2.92mm Female		Full Detent Mini SMP Male		
Contact	Beryllium Copper	Gold	Beryllium Copper	Gold	
		MIL-G-45204		MIL-G-45204	
Insulation	PTFE		PTFE		
Outer Conductor	Beryllium Copper	Gold			
		MIL-G-45204			
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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2.92mm 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/2-92mm-female-to-mini-smp-male-full-detent-adapter-0011953

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. <a href="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.</a>

ET11953 CAD Drawing
2.92mm Female to Mini SMP Male Full Detent Adapter

