

Precision SMA Male to SMP Male Full Detent Adapter



RF Adapters Technical Data Sheet

ET12636

Configuration

- SMA Male Connector 1
- Full Detent SMP Male Connector 2
- 50 Ohms

- Precision Design
- Straight Body Geometry

Features

- Max VSWR of 1.2:1 up to 26.5 GHz
- SMA Interface compliant with MIL-STD-348
- 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
- Precision Test & Measurement

Description

Ebeestock's ET12636 precision SMA male to 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 SMP adapter has a male to male gender configuration built of durable stainless steel in a precision design. ET12636 SMA male to 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
 0.82 in [20.83 mm]

 Width
 0.312 in [7.92 mm]

 Weight
 0.0084 lbs [3.81 g]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: Precision SMA Male to SMP Male Full Detent Adapter ET12636

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 | |
|-------------------------|----------------------------------|-------------|--|
| Type | SMA Male | SMP Male | |
| Polarity | Standard | Standard | |
| Interface Specification | MIL-STD-348 | MIL-STD-348 | |
| Mating Cycles | 100 | 100 | |
| Hex Size | 5/16 in. | | |
| Mating Torque | 8 to 10 in-lbs [0.90 to 1.13 Nm] | | |
| | | | |

Material Specifications

| | Connector 1 | | Connector 2 | |
|--------------|----------------------------|-------------|----------------------------|-------------|
| Descriptio | n Material | Plating | Material | Plating |
| Туре | SMA Male | | Full Detent SMP Male | |
| Contact | Beryllium Copper | Gold | Beryllium Copper | Gold |
| | | MIL-G-45204 | | MIL-G-45204 |
| Insulation | PTFE | | PTFE | |
| Body | Passivated Stainless Steel | | Passivated Stainless Steel | |
| | | AMS-QQ-P-35 | | AMS-QQ-P-35 |
| Coupling Nut | 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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Precision SMA Male to 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/precision-sma-male-to-smp-male-full-detent-adapter-0012636

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.

ET12636 CAD Drawing
Precision SMA Male to SMP Male Full Detent Adapter

