SMA Female to SSMB Plug Adapter

# RF Adapters Technical Data Sheet

**ET12716**

## Configuration

- SMA Female Connector 1
- SSMB Plug Connector 2
- 50 Ohms
- Straight Body Geometry

## Features

- SMA Interface compliant with MIL-STD-348
- SSMB Interface compliant with MIL-STD-348
- Gold Plated Contact
- Contact Plating per MIL-G-45204

## Applications

- Allows Connection Between Series
- General Purpose Test

### Description

Ebeestock's ET12716 SMA female to SSMB plug 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 SSMB adapter has a female to plug gender configuration.

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.

### Mechanical Specifications

**Size**

| | |
|---|---|
| Length | 0.75 in [19.05 mm] |
| Width | 0.25 in [6.35 mm] |
| Weight | 0.006 lbs [2.72 g] |

| Type | SMA Female | SSMB Plug |
|---|---|---|
| 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: SMA Female to SSMB Plug Adapter ET12716

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

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## Material Specifications

| Description | Connector 1 Material | Connector 1 Plating | Connector 2 Material | Connector 2 Plating |
|---|---|---|---|---|
| Type | SMA Female | | SSMB Plug | |
| Contact | Beryllium Copper | Gold MIL-G-45204 | Brass | Gold 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 |

**Compliance Certifications** (see product page for current document)

SMA Female to SSMB Plug 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.

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 SSMB Plug Adapter ET12716

**URL:** https://www.ebeestock.com/sma-female-to-ssmb-plug-adapter-0012716

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.

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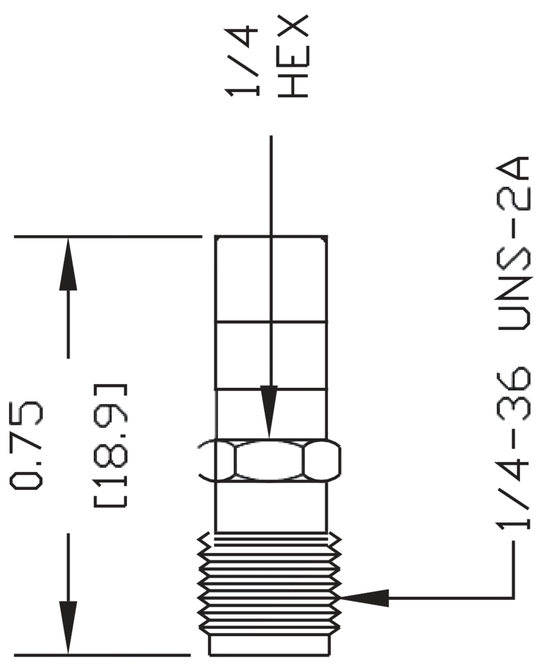
# ET12716 CAD Drawing

SMA Female to SSMB Plug Adapter




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].

DWG TITLE
ET12716

REV. -

FSCM NO. 53919

CAD FILE 091902

SCALE N/A

SIZE A

127

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