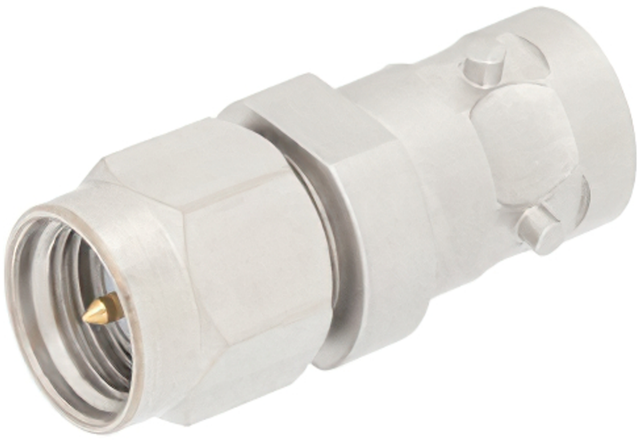
Precision SMA Male to ZMA Jack Adapter, 4 Lug



RF Adapters Technical Data Sheet

ET12642

Configuration

- SMA Male Connector 1
- ZMA Jack Connector 2
- 50 Ohms

Features

- Max VSWR of 1.15:1 up to 18 GHz
- Gold over Nickel Plated Beryllium Copper Contact
- Precision Design
- Straight Body Geometry
- Contact Plating per MIL-G-45204

Applications

- Allows Connection Between Series
- General Purpose Test
- Precision Test & Measurement

Description

Ebeestock's ET12642 precision SMA male to ZMA jack 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 ZMA adapter has a male to jack gender configuration in a precision design. ET12642 SMA male to ZMA jack adapter operates to 18 GHz. The Ebeestock RF adapter provides excellent VSWR of 1.15:1 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		18	GHz
VSWR			1.15:1	
Insertion Loss			0.22	dB

Electrical Specification Notes:
Values at 25°C, sea level.
Insertion Loss (dB) = 0.05*sqrt(fGHz).

Mechanical Specifications

Size

Length	0.849 in [21.56 mm]
Weight	0.001 lbs [0.45 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 ZMA Jack Adapter 4 Lug ET12642

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

Webstie:www.ebeestock.com Email:sales@ebeestock.com

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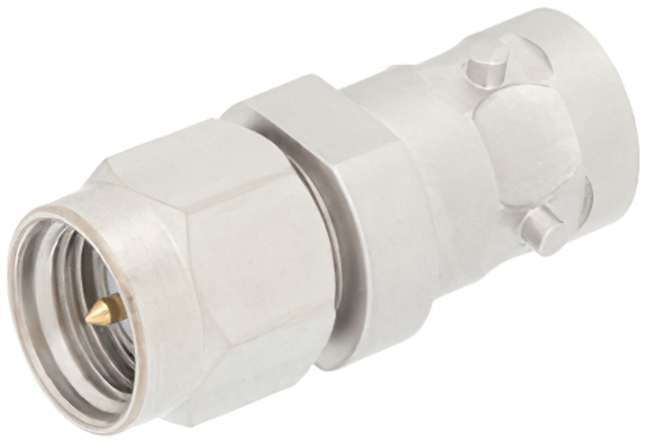

RF Adapters Technical Data Sheet

ET12642

Description	Connector 1	Connector 2
Type	SMA Male	ZMA Jack
Polarity	Standard	Standard
Mating Cycles	500	500

Material Specifications

Description	Connector 1 Material	Connector 1 Plating	Connector 2 Material	Connector 2 Plating
Type	SMA Male		ZMA Jack	
Contact	Beryllium Copper	Gold over Nickel MIL-G-45204	Beryllium Copper	Gold over Nickel MIL-G-45204
Insulation	PTFE		PTFE	
Outer Conductor	Passivated Stainless Steel			ASTM A380
Body	Passivated Stainless Steel	ASTM A380		
Coupling Nut	Passivated Stainless Steel	ASTM A380		

Environmental Specifications

Temperature

Operating Range	-55 to +100 deg C
Vibration	MIL-STD-202, Method 204, Cond. D (20G's)
Salt Spray	MIL-STD-202, Method 101, Cond. B, 5% salt solution

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

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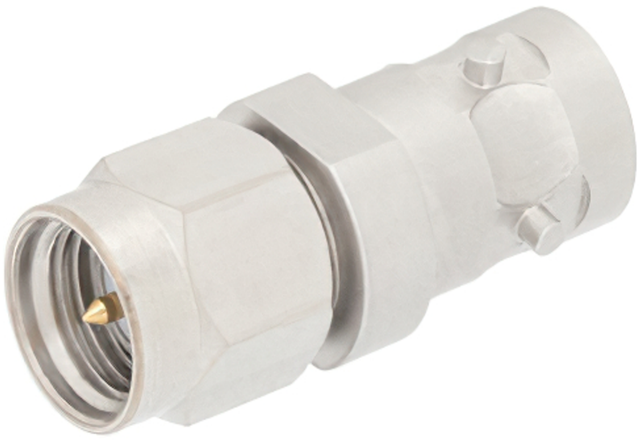

RF Adapters Technical Data Sheet ET12642

Precision SMA Male to ZMA Jack Adapter 4 Lug 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: Precision SMA Male to ZMA Jack Adapter 4 Lug ET12642

URL: https://www.ebeestock.com/precision-sma-male-to-zma-jack-adapter-4-lug-0012642

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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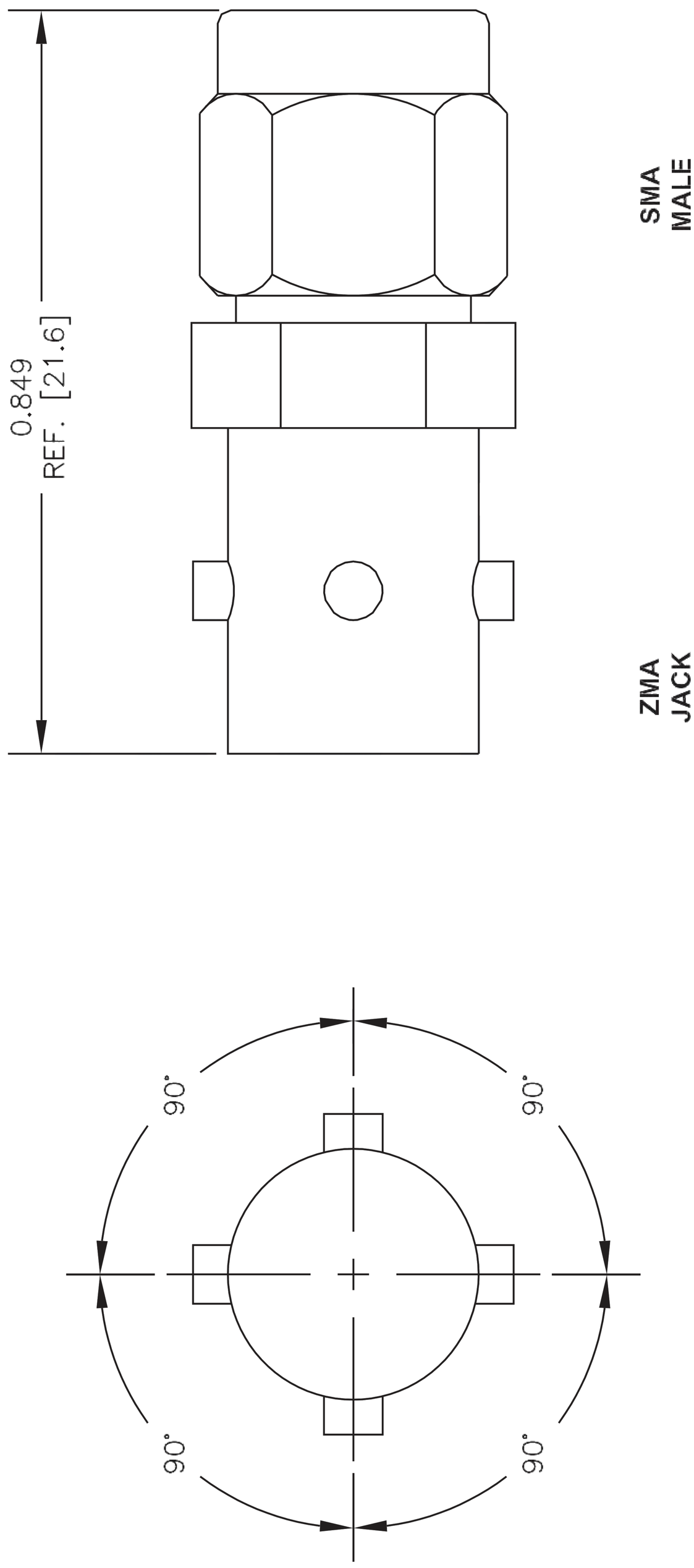
ET12642 CAD Drawing

Precision SMA Male to ZMA Jack Adapter 4 Lug



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	CAD FILE 092013	SCALE N/A	SIZE A	2233
ET12642	FSCM NO. 53919		

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