



RF Adapters Technical Data Sheet

ET1273

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Configuration

- SMA Male Connector 1
- SMA Female Reverse Polarity Connector 2

Features

- Max VSWR of 1.25:1 up to 18 GHz
- SMA Interface compliant with MIL-STD-348

Applications

General Purpose Test

- 50 Ohms
- Straight Body Geometry
- Gold Plated Beryllium Copper Contact
- Contact Plating per MIL-G-45204

Description

Ebeestock's ET12730 SMA male to reverse polarity SMA female 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 reverse polarity SMA adapter has a male to female gender configuration. ET12730 SMA male to reverse polarity SMA female adapter operates to 18 GHz. The Ebeestock RF adapter provides excellent VSWR of 1.25:1 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

Frequency Range	DC	18	GHz
VSWR		1.25:1	

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

Mechanical Specifications

Size

 Length
 0.72 in [18.29 mm]

 Width
 0.312 in [7.92 mm]

 Weight
 0.008 lbs [3.63 g]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price,









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Description	Connector 1	Connector 2	
Туре	SMA Male	SMA Female	
Polarity	Standard	Reverse Polarity	
Interface Specification	MIL-STD-348	MIL-STD-348	
Mating Cycles	500	500	
Hex Size	5/16 in.		
Mating Torque	3 to 5 in-lbs [0.34 to 0.57 Nm]		

Material Specifications

	Connector 1		Conne	ctor 2
Description	n Material	Plating	Material	Plating
Туре	SMA Male		SMA Female Reverse Polarity	
Contact	Beryllium Copper	Gold	Beryllium Copper	Gold
		MIL-G-45204		MIL-G-45204
Insulation	PTFE		PTFE	
Outer Conducto	or		Passivated Stainless Steel	
Body	Passivated Stainless Steel			
Coupling Nut	Passivated Stainless Steel			

Environmental Specifications

Temperature

Operating Range -65 to +165 deg C

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: SMA Male to Reverse Polarity SMA Female Adapter ET12730





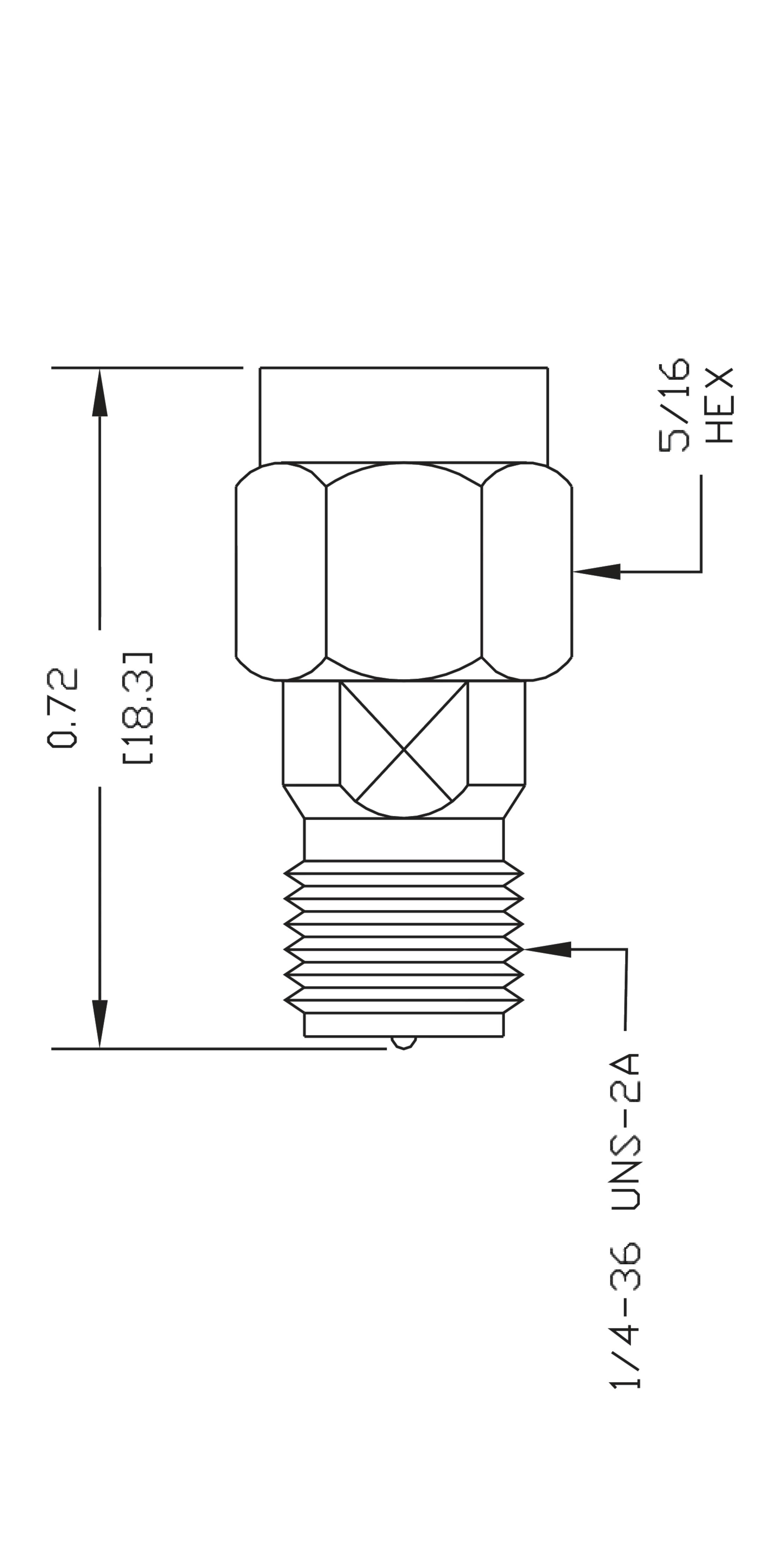
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SMA Male to Reverse Polarity SMA Female Adapter from Ebeestock Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99% availability and are part of the broadest selection 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 Male to Reverse Polarity SMA Female Adapter ET12730

URL: https://www.ebeestock.com/sma-male-to-rp-sma-female-adapter-0012730

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.



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].	FSCM NO. 53919 CAD FILE 100102 SCALE N/A SIZE A 127
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