

Low PIM 4.3-10 Male to SMA Female Adapter



RF Adapters Technical Data Sheet

ET12048

Configuration

- 4.3-10 Male Connector 1
- SMA Female Connector 2
- 50 Ohm

- Low PIM Design
- Straight Body Geometry

Features

- Max VSWR of 1.15:1 up to 6 GHz
- PIM levels lower than -160 dBc

Silver Plated Beryllium Copper Contact

Applications

- Allows Connection Between Series
- General Purpose Test
- Low PIM Applications
- Mobile Communications Systems
- Base Stations
- Distributed Antenna Systems (DAS)
- Small Cells

Feeder Cables

Description

Ebeestock's ET12048 4.3-10 male to SMA female adapter is part of our full line of RF components available for same-day shipping. Our 4.3-10 to SMA adapter has a male to female gender configuration in a low PIM design. ET12048 4.3-10 male to SMA female adapter operates to 6 GHz. The Ebeestock RF adapter provides excellent VSWR of 1.15:1 maximum and passive intermodulation of -160 dBc 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		6	GHz
VSWR			1.15:1	
Passive Intermodulation			-160	dBc
Insulation Resistance	5,000			MOhms
IIISulation Resistance	3,000			

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

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: Low PIM 4.3-10 Male to SMA Female Adapter ET12048



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Mechanical Specifications

Size

Description	Connector 1	Connector 2	
Туре	4.3-10 Male	SMA Female	
Polarity	Standard	Standard	
Mating Cycles	500	500	

Material Specifications

Connector 1		Connector 2		
Material	Plating	Material	Plating	
4.3-10 Male		SMA Female		
Beryllium Copper	Silver	Beryllium Copper	Silver	
PTFE		PTFE		
		Brass	Tri-Metal	
Brass	Tri-Metal	Brass	Tri-Metal	
Silicone Rubber				
Brass	Tri-Metal			
	Material 4.3-10 Male Beryllium Copper PTFE Brass Silicone Rubber	Material Plating 4.3-10 Male Beryllium Copper Silver PTFE Brass Tri-Metal Silicone Rubber	MaterialPlatingMaterial4.3-10 MaleSMA FemaleBeryllium CopperSilverBeryllium CopperPTFEPTFEPTFEBrassBrassBrassSilicone Rubber	

Environmental Specifications

Temperature

Operating Range -30 to +125 deg C

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

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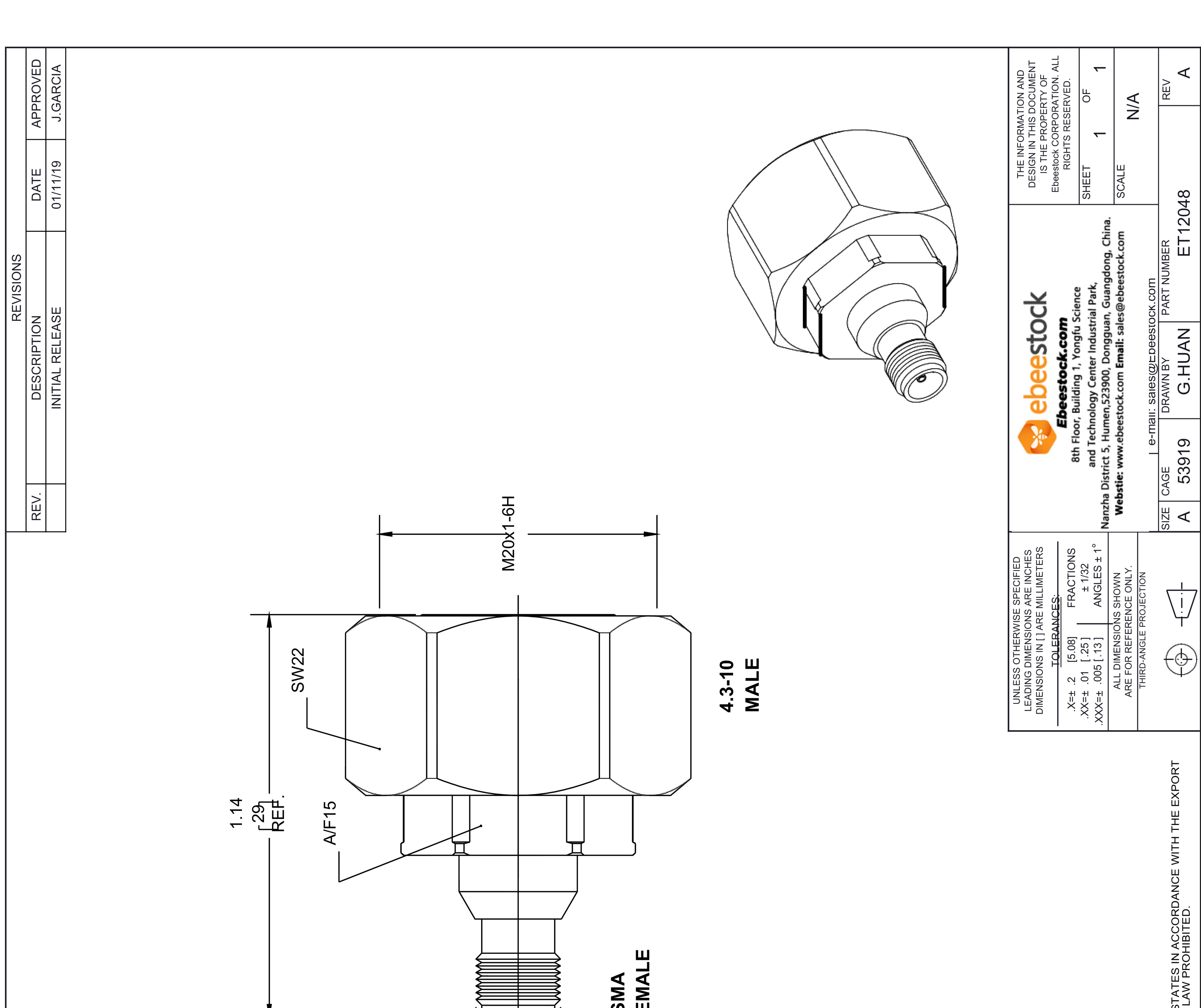
ET12048

Low PIM 4.3-10 Male to SMA Female Adapter from Ebeestock Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99.4% availability and are part of the broadest selection in the industry.

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URL: https://www.ebeestock.com/low-pim-4-3-10-male-to-sma-female-adapter-0012048

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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