

QD SMA Male to SMA Female Adapter



RF Adapters Technical Data Sheet

ET1273

Configuration

- QD SMA Male Connector 1
- SMA Female Connector 2

Features

- SMA interface compliant with MIL-STD-348

- Epoxy captivation

• 50 Ohms

- Straight Body Geometry
- Contact plating according to MIL-G-45204
- Gold Plated Contact

Applications

General Purpose Test

Description

Ebeestock's ET12731 QD SMA male to 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 SMA adapter has a male to female 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	1.102 in [2]	7.99 mm]
Width	0.5 in [12.7	mm]
Weight	0.02 lbs [9.	07 g]
Type	SMA Male	SMA Female
Polarity	Standard	Standard
Interface Specification	MIL-STD-348	MIL-STD-348
Contact Captivation Method	Ероху	Ероху
Mating Cycles		500

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: QD SMA Male to SMA Female Adapter ET12731



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Material Specifications

	Connector 1		Connector 2	
Description	Material	Plating	Material	Plating
Туре	QD SMA Male		SMA Female	
Contact		Gold		Gold
		MIL-G-45204		MIL-G-45204
Insulation	PTFE		PTFE	
Outer Conductor			Beryllium Copper	Nickel
				QQ-N-290
Body	Beryllium Copper	Nickel		
		QQ-N-290		
Coupling Nut	Beryllium Copper	Nickel		
		QQ-N-290		

Environmental Specifications

Temperature

Operating Range

-65 to +165 deg C

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

QD SMA 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% availability and are part of the broadest selection in the industry.

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URL: https://www.ebeestock.com/qd-sma-male-to-sma-female-adapter-0012731

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.

ET12731 CAD Drawing QD SMA Male to SMA Female Adapter

