

Snap-On QMA Female to SMA Female Snap-On Adapter



RF Adapters Technical Data Sheet

ET12603

Configuration

- Snap-On QMA Female Connector 1
- Snap-On SMA Female Connector 2

- 50 Ohm
- Straight Body Geometry

Features

- Max VSWR of 1.18:1 up to 6 GHz
- 51µ in. minimum contact plating

Gold Plated Beryllium Copper Contact

Applications

- Allows Connection Between Series
- General Purpose Test

Description

Ebeestock's ET12603 snap-on QMA female to SMA female snap-on adapter is part of our full line of RF components available for same-day shipping. Our QMA to SMA adapter has a female to female gender configuration. ET12603 QMA female to SMA female adapter operates to 6 GHz. The Ebeestock RF adapter provides excellent VSWR of 1.18:1 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		6	GHz
VSWR			1.18:1	
Insertion Loss			0.17	dB
Operating Voltage (AC)			500	Vrms
Dielectric Withstanding Voltage (AC)			1,000	Vrms
Insulation Resistance	5,000			MOhms
RF Leakage			70	dB

Mechanical Specifications

Size

 Length
 0.77 in [19.56 mm]

 Width
 0.19 in [4.83 mm]

 Weight
 0.0104 lbs [4.72 g]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: Snap-On QMA Female to SMA Female Snap-On Adapter ET12603

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



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Description	Connector 1	Connector 2
Туре	QMA Female	SMA Female
Polarity	Standard	Standard
Mating Cycles	100	100
Contact Captivation Axial Force, Min	6.07 lbs [2.75 kg]	6.07 lbs [2.75 kg]
Contact Captivation Torque, Min	0.63 in-lbs [0.07 Nm]	0.63 in-lbs [0.07 Nm]

Material Specifications

	Connector 1		Connector 2		
Description	Material	Plating	Material	Plating	
Туре	Snap-On QMA Female		Snap-On SMA Female		
Contact	Beryllium Copper	Gold	Beryllium Copper	Gold	
		51µ in. minimum		51µ in. minimum	
Insulation	PTFE		PTFE		
Outer Conductor	Brass	Gold			
Body	Brass	Tri-Metal	Brass	Tri-Metal	

Environmental Specifications

Temperature

Operating Range -40 to +80 °C

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

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Snap-On QMA Female to SMA Female Snap-On 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/snap-on-qma-female-to-sma-female-snap-on-adapter-0012603

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.

ET12603 CAD Drawing
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