

Hermetically Sealed Snap-On QMA Male to QMA Female Snap-On A dapter



RF Adapters Technical Data Sheet

ET12598

Configuration

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

- 50 Ohms
- Straight Body Geometry

Features

- Max VSWR of 1.12:1 up to 6 GHz
- Hermetically Sealed

- 51µ in. minimum contact plating
- Gold Plated Beryllium Copper Contact

Applications

Connector Saver

- General Purpose Test
- Vacuum Test Environment

Description

Ebeestock's ET12598 hermetically sealed snap-on QMA male to QMA female snap-on adapter is part of our full line of RF components available for same-day shipping. Our QMA to QMA adapter has a male to female gender configuration. ET12598 QMA male to QMA female adapter operates to 6 GHz. The Ebeestock RF adapter provides excellent VSWR of 1.12:1 maximum. This hermetic QMA to QMA adapter prevents the leakage of gases, making it suitable for high pressure or vacuum applications or whenever an airtight seal is required. The ET12598 Ebeestock RF adapter can also be used as a connector saver to extend equipment life.

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			1.12:1	
Insertion Loss			0.12	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 1.05 in [26.67 mm] Width 0.41 in [10.41 mm]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: Hermetically Sealed Snap-On QMA Male to QMA Female Snap-On Adapter ET12598

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



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Weight 0.011 lbs [4.99 g]

Description	Connector 1	Connector 2
Type	QMA Male	QMA Female
Polarity	Standard	Standard
Connector Option	Hermetically Sealed	Hermetically Sealed
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 Male		Snap-On QMA Female		
Contact	Beryllium Copper	Gold	Beryllium Copper	Gold	
		51µ in. minimum		51µ in. minimum	
Insulation	PTFE		PTFE		
Outer Conductor			Brass	Tri-Metal	
Body	Brass	Tri-Metal	Brass	Tri-Metal	
Coupling Nut	Brass	Tri-Metal			

Environmental Specifications

Temperature

Operating Range -40 to +105 deg C

Hermetic Seal ATM. Cm3/s

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

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Hermetically Sealed Snap-On QMA Male to QMA 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% availability and are part of the broadest selection in the industry.

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URL: https://www.ebeestock.com/hermetically-sealed-snap-on-qma-male-to-qma-female-snap-on-adapt er-0012598

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.

ET12598 CAD Drawing
Hermetically Sealed Snap-On QMA Male to QMA Female Snap-On Adapter

