

Slide-On MMBX Plug to MMBX Plug Snap-On Adapter, 7mm Long Bullet



# RF Adapters Technical Data Sheet

ET12446

# Configuration

- Slide-On MMBX Plug Connector 1
- Snap-On MMBX Plug Connector 2

### Features

- Max VSWR of 1.08:1 up to 12.4 GHz
- Gold Plated Contact

- 50 Ohm
- Straight Body Geometry
- Reliable Snap-On connection method
- Mechanical misalignment tolerance of 4.5°/0.7mm Max

# Applications

- General Purpose Test
- Low cost blind mate interconnect
- Multi circuit board radios
- Board to board applications requiring multiple coaxial connections

#### Description

Ebeestock's ET12446 slide-on MMBX plug to MMBX plug snap-on adapter is part of our full line of RF components available for same-day shipping. Our MMBX to MMBX adapter has a plug to plug gender configuration. ET12446 MMBX plug to MMBX plug adapter is gold plated and operates to 12.4 GHz. The Ebeestock RF adapter provides excellent VSWR of 1.08:1 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		12.4	GHz
VSWR			1.08:1	
Insertion Loss			0.42	dB
Operating Voltage (AC)			330	Vrms
Dielectric Withstanding Voltage (AC)			1,000	Vrms
Insulation Resistance	1,000			MOhms

#### Mechanical Specifications

Size

Length 0.27 in [6.86 mm] Width 0.149 in [3.78 mm] 0.00554 lbs [2.51 g]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: Slide-On MMBX Plug to MMBX Plug Snap-On Adapter, 7mm Long Bullet ET12446

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Description	Connector 1	Connector 2
Type	MMBX Plug	MMBX Plug
Polarity	Standard	Standard
Mating Cycles	100	100
Contact Captivation Axial Force, Min	2.25 lbs [1.02 Kg]	2.25 lbs [1.02 Kg]

### Material Specifications

Connect	or 1	Connect	or 2
Material	Plating	Material	Plating
Slide-On MMBX Plug		Snap-On MMBX Plug	
Beryllium Copper	Gold	Beryllium Copper	Gold
PTFE		PTFE	
Beryllium Copper	Gold	Beryllium Copper	Gold
Beryllium Copper	Gold	Beryllium Copper	Gold
	Material Slide-On MMBX Plug Beryllium Copper PTFE Beryllium Copper	Slide-On MMBX Plug  Beryllium Copper Gold  PTFE  Beryllium Copper Gold	MaterialPlatingMaterialSlide-On MMBX PlugSnap-On MMBX PlugBeryllium CopperGoldBeryllium CopperPTFEPTFEBeryllium CopperGoldBeryllium Copper

# **Environmental Specifications**Temperature

Operating Range

-55 to +155 deg C

Compliance Certifications (see product page for current document)

#### Plotted and Other Data

Notes:

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Slide-On MMBX Plug to MMBX Plug Snap-On Adapter, 7mm Long Bullet 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: Slide-On MMBX Plug to MMBX Plug Snap-On Adapter, 7mm Long Bullet ET12446

**URL:** https://www.ebeestock.com/slide-on-mmbx-plug-to-mmbx-plug-snap-on-adapter-7mm-long-bullet-0012446

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.

ET12446 CAD Drawing
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