



Slide-On MMBX Plug to MMBX Plug Snap-On Adapter, 4.8mm Long Bullet

RF Adapters Technical Data Sheet

PE91370

Configuration

- Slide-On MMBX Plug Connector 1
- Snap-On MMBX Plug Connector 2
- 50 Ohm
- Straight Body Geometry

Features

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

Pasternack's PE91370 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. PE91370 MMBX plug to MMBX plug adapter is gold plated and operates to 12.4 GHz. The Pasternack 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. Pasternack 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 | 0.189 in [4.8 mm] |
| Width | 0.149 in [3.78 mm] |
| Weight | 0.00022 lbs [0.1 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, 4.8mm Long Bullet PE91370](#)



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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

| Description | Connector 1 | | Connector 2 | |
|-----------------|--------------------|---------|-------------------|---------|
| | Material | Plating | Material | Plating |
| Type | Slide-On MMBX Plug | | Snap-On MMBX Plug | |
| Contact | Beryllium Copper | Gold | Beryllium Copper | Gold |
| Insulation | PTFE | | PTFE | |
| Outer Conductor | Bronze | Gold | Bronze | Gold |
| Body | Bronze | Gold | Bronze | Gold |

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, 4.8mm Long Bullet from Pasternack 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.

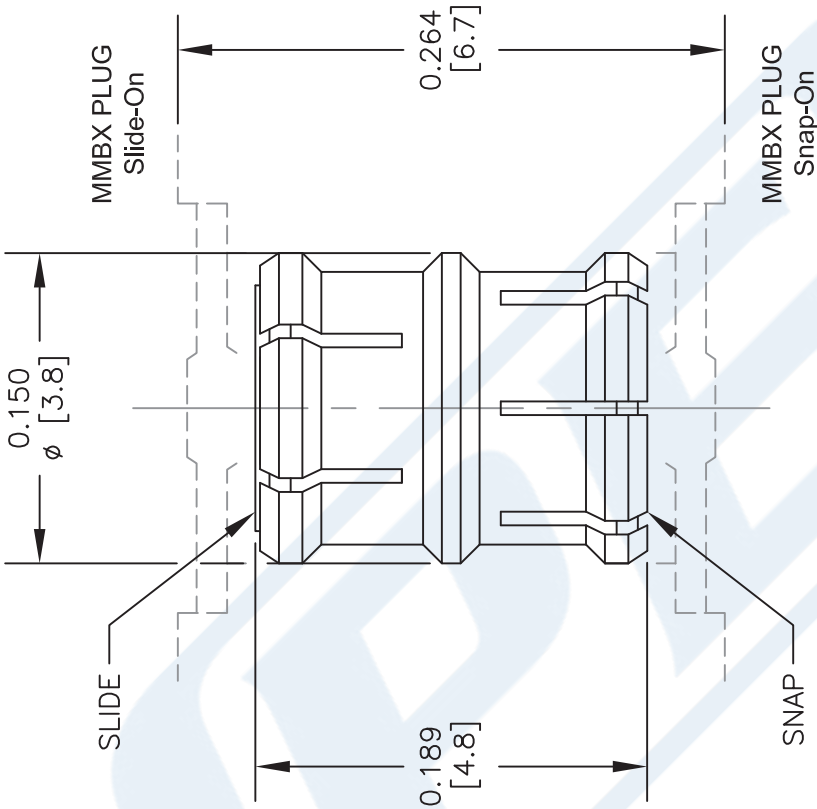
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Slide-On MMBX Plug to MMBX Plug Snap-On Adapter, 4.8mm Long Bullet PE91370](https://www.pasternack.com/mmbx-plug-mmbx-plug-straight-adapter-pe91370-p.aspx)

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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. Pasternack reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Pasternack does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Pasternack does not assume any liability arising out of the use of any part or documentation.

PE91370 CAD Drawing

Slide-On MMBX Plug to MMBX Plug Snap-On Adapter, 4.8mm Long Bullet



STANDARD TOLERANCES

.X ± 0.2
.XX ± 0.1
.XXX ± 0.05

*STANDARD TOLERANCES APPLY
ONLY TO DIMENSIONS IN INCHES



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DWG TITLE

PE91370

FSCM NO. 53919

NOTES:
1. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE NOMINAL.
2. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME.
3. DIMENSIONS ARE IN INCHES [mm].

CAD FILE 102416

SCALE N/A

SIZE A

2233