



Slide-On BMA Jack to BMA Jack Slide-On Adapter

RF Adapters Technical Data Sheet

PE91395

Configuration

- Slide-On BMA Jack Connector 1
- Slide-On BMA Jack Connector 2
- 50 Ohm
- Straight Body Geometry

Features

- Max VSWR of 1.2:1 up to 22 GHz
- 51.18µ in. minimum contact plating
- Gold Plated Beryllium Copper Contact
- Low-Engagement Force
- Max. Operating Frequency 22 GHz
- Excellent VSWR of 1.20

Applications

- General Purpose Test
- Blind Mating
- Rack and Panel
- Phased Array Systems
- Base Stations
- RF Backplanes
- Test I/O

Description

Pasternack's PE91395 slide-on BMA jack to BMA jack slide-on adapter is part of our full line of RF components available for same-day shipping. Our BMA to BMA adapter has a jack to jack gender configuration built of durable stainless steel. PE91395 BMA jack to BMA jack adapter operates to 22 GHz. The Pasternack RF adapter provides excellent VSWR of 1.2:1 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		22	GHz
VSWR			1.2:1	
Insertion Loss			0.32	dB
Operating Voltage (AC)			500	Vrms
Dielectric Withstanding Voltage (AC)			1,500	Vrms
Insulation Resistance	5,000			MOhms

Mechanical Specifications

Size

Length	0.826 in [20.98 mm]
Width	0.311 in [7.9 mm]
Weight	0.011 lbs [4.99 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 BMA Jack to BMA Jack Slide-On Adapter PE91395](#)



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Description	Connector 1	Connector 2
Type	BMA Jack	BMA Jack
Polarity	Standard	Standard
Mating Cycles	1,000	1,000
Contact Retention Force, Min	6.07 lbs [2.75 Kg]	6.07 lbs [2.75 Kg]

Material Specifications

Description	Connector 1		Connector 2	
	Material	Plating	Material	Plating
Type	Slide-On BMA Jack		Slide-On BMA Jack	
Contact	Beryllium Copper	Gold 51.18μ in. minimum	Beryllium Copper	Gold 51.18μ in. minimum
Insulation	PTFE		PTFE	
Outer Conductor	Beryllium Copper	Gold	Beryllium Copper	Gold
Body	Passivated Stainless Steel		Passivated Stainless Steel	

Environmental Specifications

Temperature

Operating Range

-65 to +165 deg C

Compliance Certifications (see [product page](#) for current document)

Plotted and Other Data

Notes:

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Slide-On BMA Jack to BMA Jack Slide-On Adapter from Pasternack 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.

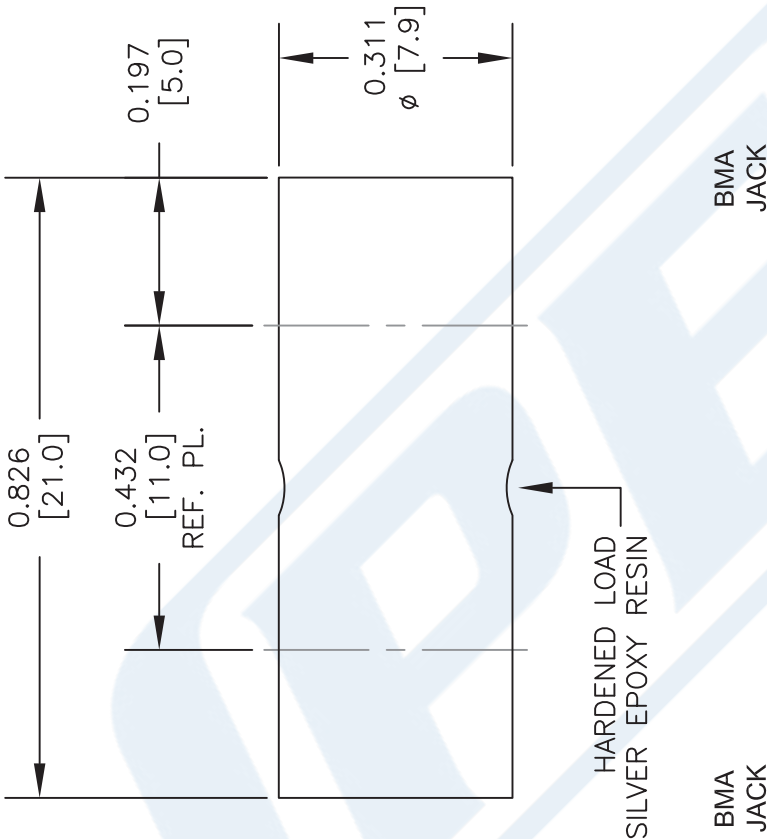
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Slide-On BMA Jack to BMA Jack Slide-On Adapter PE91395](https://www.pasternack.com/bma-jack-bma-jack-straight-adapter-pe91395-p.aspx)

URL: <https://www.pasternack.com/bma-jack-bma-jack-straight-adapter-pe91395-p.aspx>

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.

PE91395 CAD Drawing

Slide-On BMA Jack to BMA Jack Slide-On Adapter



STANDARD TOLERANCES

.X

±0.2

.XX

±0.1

.XXX

±0.05

*STANDARD TOLERANCES APPLY ONLY TO DIMENSIONS IN INCHES

PE

PASTERNAK®

THE ENGINEER'S RF SOURCE

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DWG TITLE

PE91395

CAGE CODE

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

020217

SCALE

N/A

SIZE

A

2233

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PE91395 REV 1.0

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