



Mini SMP Female to Mini SMP Female Adapter

RF Adapters Technical Data Sheet

PE91069

Configuration

- Mini SMP Female Connector 1
- Mini SMP Female Connector 2
- 50 Ohm
- Straight Body Geometry

Features

- Max VSWR of 1.2:1 up to 26.5 GHz
- Mini SMP interface compliant with MIL-STD-348
- Contact plating according to MIL-G-45204
- Gold Plated Contact

Applications

- General Purpose Test

Description

Pasternack's PE91069 Mini SMP female to Mini SMP female adapter is part of our full line of RF components available for same-day shipping. Our Mini SMP to Mini SMP adapter has a female to female gender configuration. PE91069 Mini SMP female to Mini SMP female adapter operates to 26.5 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		26.5	GHz
VSWR			1.2:1	

Electrical Specification Notes:
Values at 25°C, sea level.

Mechanical Specifications

Size

Length	0.21 in [5.33 mm]
Width	0.1 in [2.54 mm]
Weight	0.00178 lbs [0.81 g]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Mini SMP Female to Mini SMP Female Adapter PE91069](#)



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Description	Connector 1	Connector 2
Type	Mini SMP Female	Mini SMP Female
Polarity	Standard	Standard
Interface Specification	MIL-STD-348	MIL-STD-348

Material Specifications

Description	Connector 1		Connector 2	
	Material	Plating	Material	Plating
Type	Mini SMP Female		Mini SMP Female	
Contact	Beryllium Copper	Gold MIL-G-45204	Beryllium Copper	Gold MIL-G-45204
Insulation	PTFE		PTFE	
Outer Conductor	Beryllium Copper	Gold MIL-G-45204	Beryllium Copper	Gold MIL-G-45204

Environmental Specifications

Temperature

Operating Range -55 to +125 deg C

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

Plotted and Other Data

Notes:

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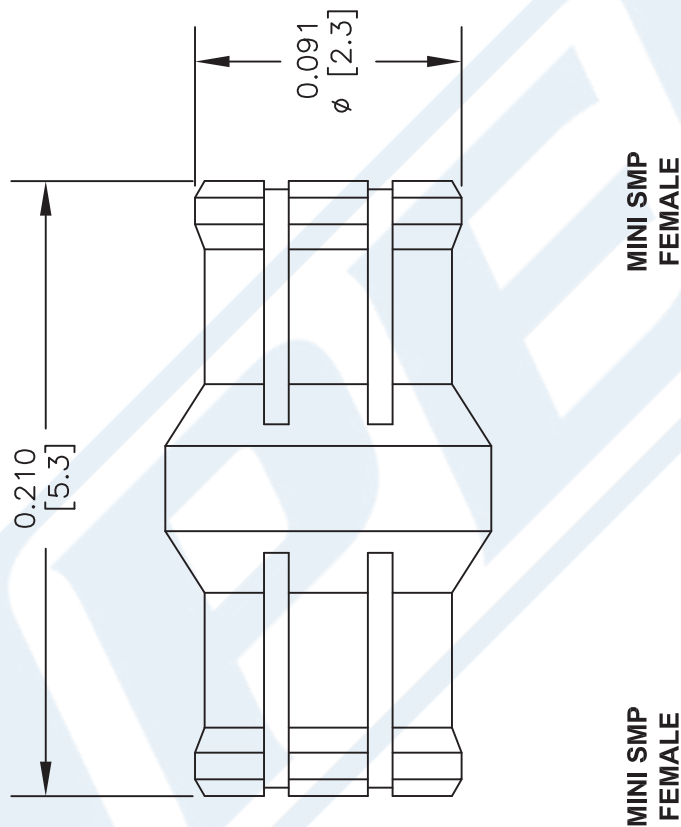
Mini SMP Female to Mini SMP Female Adapter from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99% availability and are part of the broadest selection in the industry.

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Mini SMP Female to Mini SMP Female Adapter PE91069](https://www.pasternack.com/mini-smp-female-mini-smp-female-straight-adapter-pe91069-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.

PE91069 CAD Drawing
Mini SMP Female to Mini SMP Female Adapter



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].

DWG TITLE
PE91069

FSCM NO. 53919

CAD FILE 020813

SCALE N/A

SIZE A

2233



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