

## Full Detent SMP Male to SMP Male Smooth Bore Catchers Mitt Adapter, High Temperature



### PE910046

#### Configuration

- Full Detent SMP Male Connector 1
- Smooth Bore CM SMP Male Connector 2
- 50 Ohms Impedance
- Straight Body Geometry

#### Features

- Max VSWR of 1.3:1 up to 40 GHz
- SMP interface compliant with MIL-STD-348
- Contact plating according to MIL-G-45204
- Gold Plated Beryllium Copper Contact

#### Applications

- General Purpose Test

#### Description

Pasternack's PE910046 full detent SMP male to SMP male smooth bore CM adapter is part of our full line of RF components available for same-day shipping. Our SMP to SMP adapter has a male to male gender configuration built of durable stainless steel. PE910046 SMP male to SMP male adapter operates to 40 GHz. The Pasternack RF adapter provides good VSWR of 1.3:1 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		40	GHz
Impedance		50		Ohms
VSWR			1.3:1	

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

#### Mechanical Specifications

##### Size

Length	0.30 in [7.62 mm]
Width	0.24 in [5.97 mm]
Height	0.24 in [5.97 mm]
Weight	0.01 lbs [2.27 g]

Description	Connector 1	Connector 2
Polarity	Standard	Standard
Interface Specification	MIL-STD-348	MIL-STD-348

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### Material Specifications

Description	Connector 1		Connector 2	
	Material	Plating	Material	Plating
Type	Full Detent SMP Male		Smooth Bore CM SMP Male	
Contact	Beryllium Copper	Gold MIL-G-45204	Beryllium Copper	Gold MIL-G-45204
Insulation	PTFE		PTFE	
Body	Passivated Stainless Steel	AMS-QQ-P-35	Passivated Stainless Steel	AMS-QQ-P-35

### Environmental Specifications

#### Temperature

Operating Range -65 to +165 °C

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

### Plotted and Other Data

Full Detent SMP Male to SMP Male Smooth Bore Catchers Mitt Adapter, High Temperature 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: [Full Detent SMP Male to SMP Male Smooth Bore Catchers Mitt Adapter, High Temperature PE910046](#)

URL: <https://www.pasternack.com/full-detent-smp-male-to-smp-male-smooth-bore-cm-adapter-pe910046-p.aspx>

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

PE910046 CAD Drawing
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