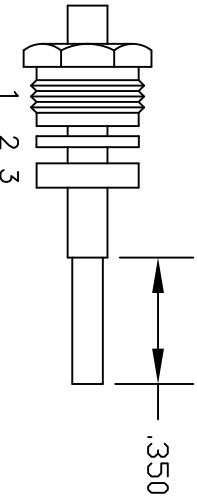
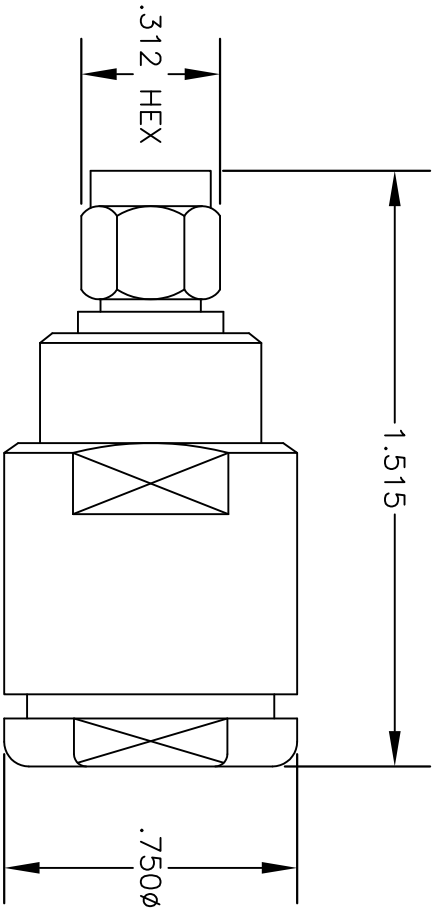
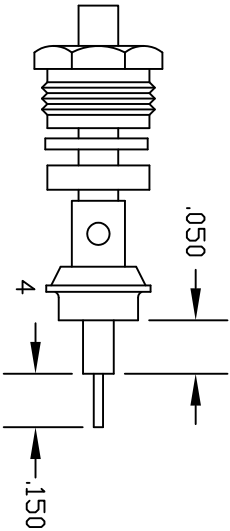


MATERIALS	
BODY	BRASS NICKEL PLATED
CONTACT	GOLD PLATED
INSULATOR	PTFE
SOLDER ADAPTER	GOLD PLATED



ASSEMBLY (A)



ASSEMBLY (B)

ASSEMBLY PROCEDURES

1. SLIDE CLAMP NUT (1), WASHER (2) & GASKET (3) OVER CABLE. STRIP CABLE AS SHOWN IN ASSEMBLY (A). DO NOT CUT DIELECTRIC.
2. SLIDE ADAPTER (4) OVER CABLE UNTIL ADAPTER (4) BOTTOMS ON OUTER CONDUCTOR. SOLDER ADAPTER (4) TO OUTER CONDUCTOR USING MINIMUM HEAT.
3. STRIP CABLE AS SHOWN IN ASSEMBLY (B). SOLDER CONTACT TO CENTER CONDUCTOR. SLIDE ASSEMBLY FORWARD & TIGHTEN TO BODY.



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COAXIAL & FIBER OPTICS

ESTABLISHED 1972

DWG TITLE
PE4403

DES. SMA MALE, SOLDER/CLAMP FOR RG401,
 PE-SR401AL & PE-SR401FL

SIZE A	FSCM NO. 53919	CAD FILE	051302	SCALE	N/A		127
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- NOTES:
1. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE NOMINAL.
 2. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME.



SMA Male Right Angle Connector Solder Attachment for PE-SR401AL, PE-SR401FL, RG401

RF Connectors Technical Data Sheet

PE4932

Configuration

- SMA Male Connector
- 50 Ohms
- Right Angle Body Geometry
- PE-SR401AL, PE-SR401FL, RG401 Interface Type
- Solder/Solder Attachment
- 5/16 inch Hex

Features

- Max. Operating Frequency 12.4 GHz
- Gold Plated Brass Contact

Applications

- General Purpose Test
- Custom Cable Assemblies

Description

Pasternack's PE4932 SMA male right angle connector with solder/solder attachment for PE-SR401AL, PE-SR401FL and RG401 is part of our full line of RF components available for same-day shipping. Our SMA male connector operates up to a maximum frequency of 12.4 GHz. Its right angle body geometry allows for easier connections in tight spaces.

Our SMA male right angle connector PE4932 datasheet specifications and drawing with dimensions are shown below in this PDF. Pasternack's broad catalog of RF, microwave and millimeter wave connectors allows designers to configure and customize their signal connections however they like. Whether the need is to provide an I/O for a board design, or simply create a custom cable assembly configuration, Pasternack has the right connector for the job. Pasternack can also expertly build your custom cable assemblies for you and ship same-day.

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		12.4	GHz

Mechanical Specifications

Size	
Length	0.71 in [18.03 mm]
Width/Dia.	0.378 in [9.60 mm]
Height	0.57 in [14.48 mm]
Weight	0.019 lbs [8.62 g]
Mating Torque	3 to 5 in-lbs [0.34 to 0.57 Nm]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [SMA Male Right Angle Connector Solder Attachment for PE-SR401AL, PE-SR401FL, RG401 PE4932](#)



SMA Male Right Angle Connector Solder Attachment
for PE-SR401AL, PE-SR401FL, RG401

RF Connectors Technical Data Sheet

PE4932

Material Specifications

Description	Material	Plating
Contact	Brass	Gold
Insulation	PTFE	
Body	Brass	Gold
Coupling Nut	Brass	Gold

Environmental Specifications

Temperature

Operating Range -65 to +165 deg C

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

Plotted and Other Data

Notes:

SMA Male Right Angle Connector Solder Attachment for PE-SR401AL, PE-SR401FL, RG401 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.

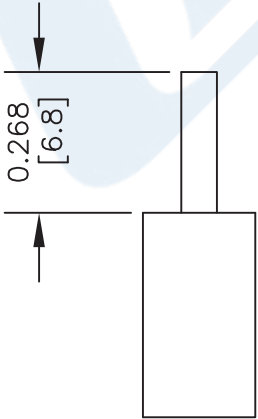
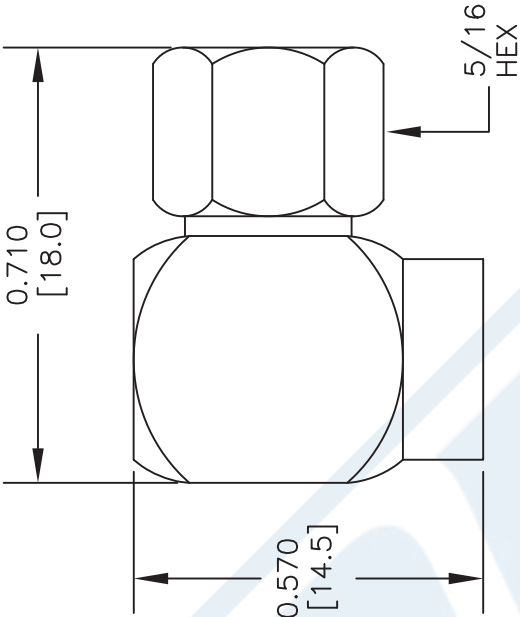
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [SMA Male Right Angle Connector Solder Attachment for PE-SR401AL, PE-SR401FL, RG401 PE4932](#)

URL: <https://www.pasternack.com/sma-male-standard-pe-sr401al-pe-sr401fl-rg401-connector-pe4932-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.

PE4932 CAD Drawing

SMA Male Right Angle Connector Solder Attachment
for PE-SR401AL, PE-SR401FL, RG401



STRIPPING DIMENSIONS

ASSEMBLY PROCEDURES

1. STRIP CABLE AS SHOWN. DO NOT NICK CENTER CONDUCTOR.
2. INSERT CABLE INTO BODY UNTIL OUTER CONDUCTOR BOTTOMS OUT WITH BODY SHOULDER. CENTER CONDUCTOR WILL PROTRUDE INTO CONTACT SLOT.
3. SOLDER CONTACT INTO SLOT. SOLDER OUTER CONDUCTOR TO BODY. PRESS DOWN CAP.

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].
4. FITS MIL-C-17 AND EQUIVALENT CABLES.

DWG TITLE
PE4932

FSCM NO. 53919

CAD FILE 062013

SCALE N/A

SIZE A

XXX

PE PASTERNAK®
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250 Semi-rigid Coax Cable with Tinned
Aluminum Outer Conductor

TECHNICAL DATA SHEET

PE-SR401AL

250 Semi-rigid Coax Cable with Tinned Aluminum Outer Conductor

Configuration

Inner Conductor Material and Plating	Copper, Silver
Dielectric Type	PTFE
Shield Materials	Tinned Aluminum

Electrical Specifications

Impedance, Ohms	50
Maximum Operating Frequency, GHz	20
Capacitance, pF/ft [pF/m]	29.6 [97.11]
Maximum Operating Voltage, Volts	3,000

Electrical Specifications by Frequency

Frequency 1

Frequency, MHz	1000
Attenuation, dB/100ft [dB/100m]	8 [26.25]
Power Handling, KWatts	1.4

Frequency 2

Frequency, GHz	10
Attenuation, dB/100ft [dB/100m]	34 [111.55]
Power Handling, Watts	350

Frequency 3

Frequency, GHz	20
Attenuation, dB/100ft [dB/100m]	49 [160.76]
Power Handling, Watts	200

Mechanical Specifications

Temperature

Operating Range, deg C	-55 to +125
------------------------	-------------

Inner Conductor

Number of Strands	1
Material	Copper
Plating	Silver
Diameter, in [mm]	0.064 [1.63]

Dielectric:

Type	PTFE
Diameter, in [mm]	0.209 [5.31]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [250 Semi-rigid Coax Cable with Tinned Aluminum Outer Conductor PE-SR401AL](#)

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.

250 Semi-rigid Coax Cable with Tinned Aluminum Outer Conductor

TECHNICAL DATA SHEET

PE-SR401AL**Shield:**

Number of	1
Material 1	Tinned Aluminum

Jacket:

Diameter, in [mm]	0.25 [6.35]
One Time Minimum Bend Radius, in [mm]	0.25 [6.35]
Weight, lbs/ft [Kg/m]	0.066 [0.1]

Compliance Certifications (visit www.Pasternack.com for current document)

Plotted and Other Data

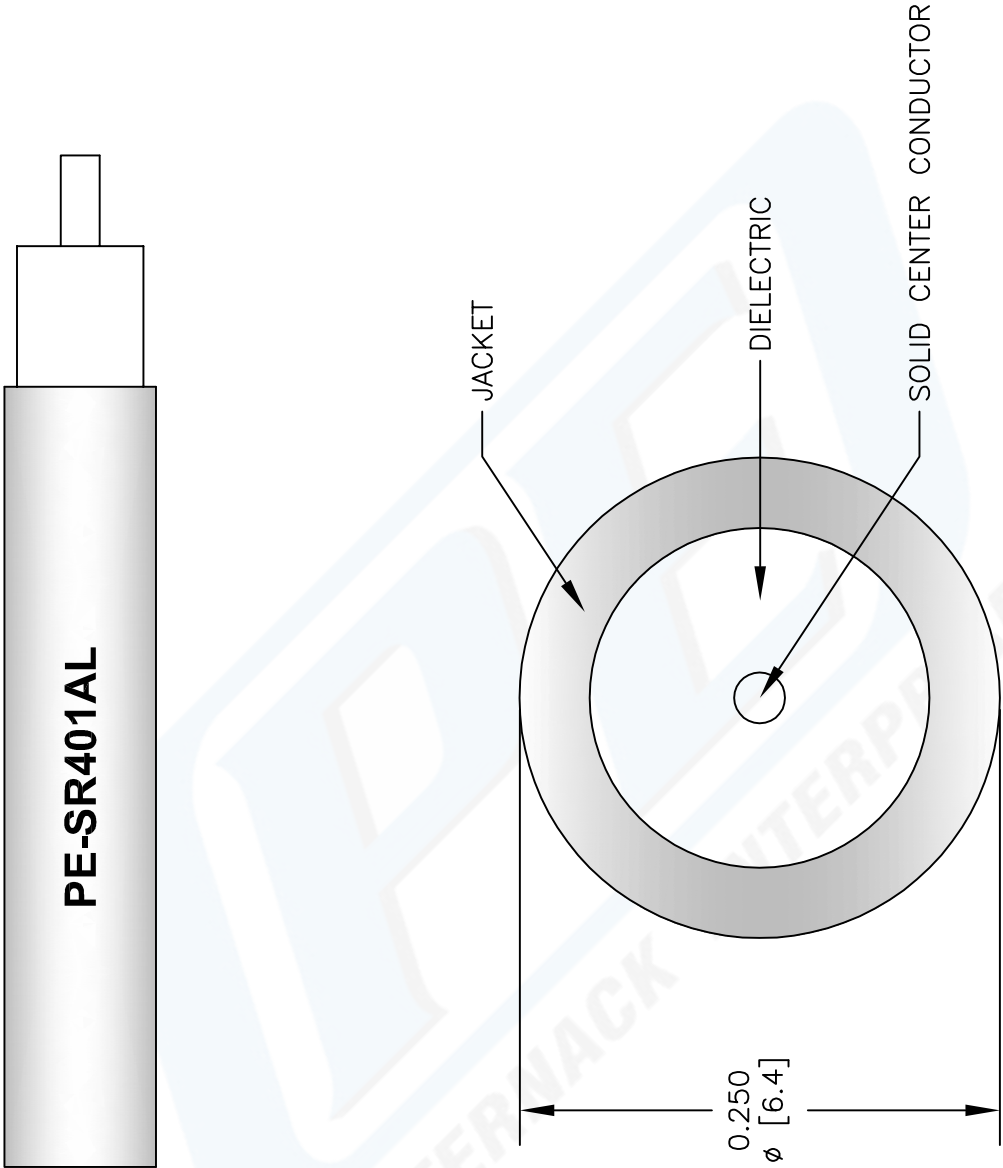
Notes: Values at 25 °C, sea level

250 Semi-rigid Coax Cable with Tinned Aluminum Outer Conductor from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and fiber optic 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: [250 Semi-rigid Coax Cable with Tinned Aluminum Outer Conductor PE-SR401AL](#)

URL: <http://www.pasternack.com/semirigid-0.250-50-ohm-coax-cable-tinned-aluminum-pe-sr401al-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.



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DWG TITLE	
REV. A	FSCM NO. 53919
PE-SR401AL	

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CAD FILE	022808-A	SCALE	N/A
SIZE	A		147