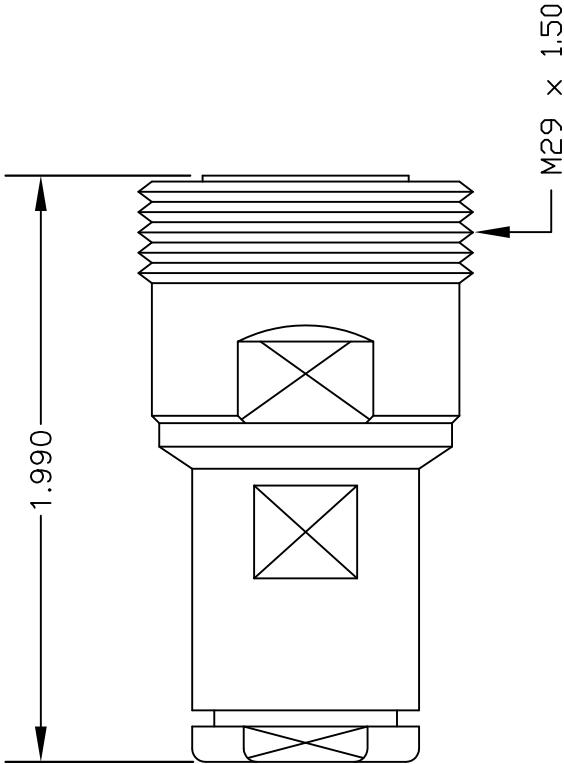
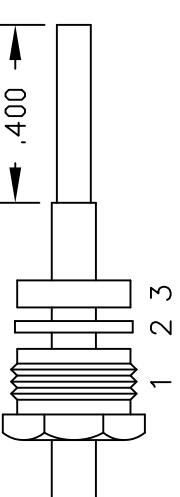


MATERIALS	
BODY	BRASS NICKEL PLATED
CONTACT	SILVER PLATED
INSULATOR	PTFE



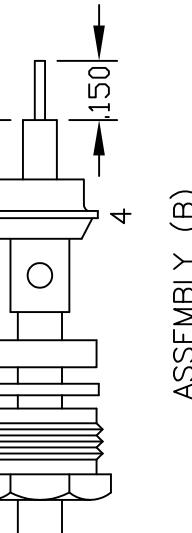
#### ASSEMBLY PROCEDURES



ASSEMBLY (A)

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 IT BOTTOMS ON OUTER CONDUCTOR. SOLDER ADAPTER (4) TO OUTER CONDUCTOR USING MINIMUM HEAT.



ASSEMBLY (B)

ASSEMBLY FORWARD & TIGHTEN TO BODY.



PASTERНАК ENTERPRISES, INC.  
P.O. BOX 16759, IRVINE, CA 92623  
PHONE (949) 261-1920 FAX (949) 261-7451  
WEB ADDRESS: [www.pasterнак.com](http://www.pasterнак.com)  
E-MAIL ADDRESS: [sales@pasterнак.com](mailto:sales@pasterнак.com)

COAXIAL & FIBER OPTICS

DES. 7/16" FEMALE, SOLDERCLAMP  
ATTACHMENT FOR RG401, PE-SR401AL &  
PE-SR401FL

DWG TITLE  
**PE44289**

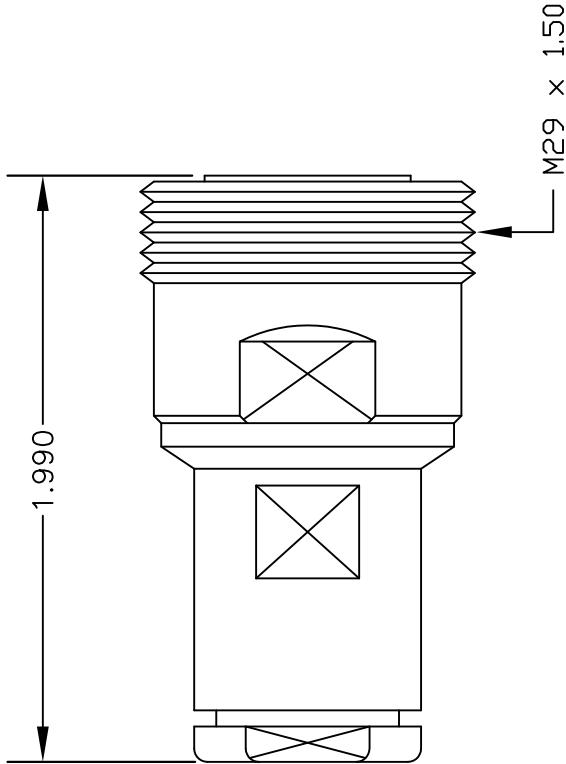
SIZE A FSCM NO. 53919 CAD FILE 022002 SCALE N/A

147

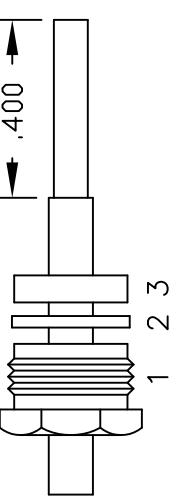
NOTES:

1. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE NOMINAL.
2. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME.

MATERIALS	
BODY	BRASS NICKEL PLATED
CONTACT	SILVER PLATED
INSULATOR	PTFE



#### ASSEMBLY PROCEDURES

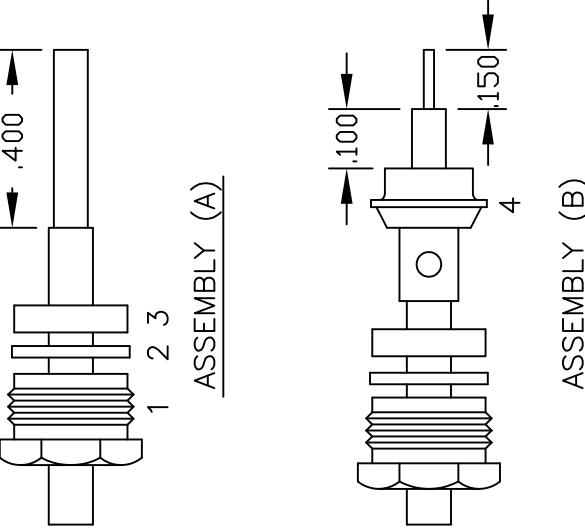


ASSEMBLY (A)

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 IT 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.



ASSEMBLY (B)



PASTERНАК ENTERPRISES, INC.  
P.O. BOX 16759, IRVINE, CA 92623  
PHONE (949) 261-1920 FAX (949) 261-7451  
WEB ADDRESS: [www.pasterнак.com](http://www.pasterнак.com)  
E-MAIL ADDRESS: [sales@pasterнак.com](mailto:sales@pasterнак.com)  
COAXIAL & FIBER OPTICS

DWG TITLE	DES.
<b>PE44289</b>	7/16" FEMALE, SOLDERCLAMP ATTACHMENT FOR RG401, PE-SR401AL & PE-SR401FL
SIZE A	FSCM NO. 53919
	CAD FILE 022002 SCALE N/A

NOTES:

1. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE NOMINAL.
2. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME.

## 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  
Material 1

1  
Tinned Aluminum

**Jacket:**

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

0.25 [6.35]  
0.25 [6.35]  
0.066 [0.1]

**Compliance Certifications** (visit [www.Pasternack.com](http://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.

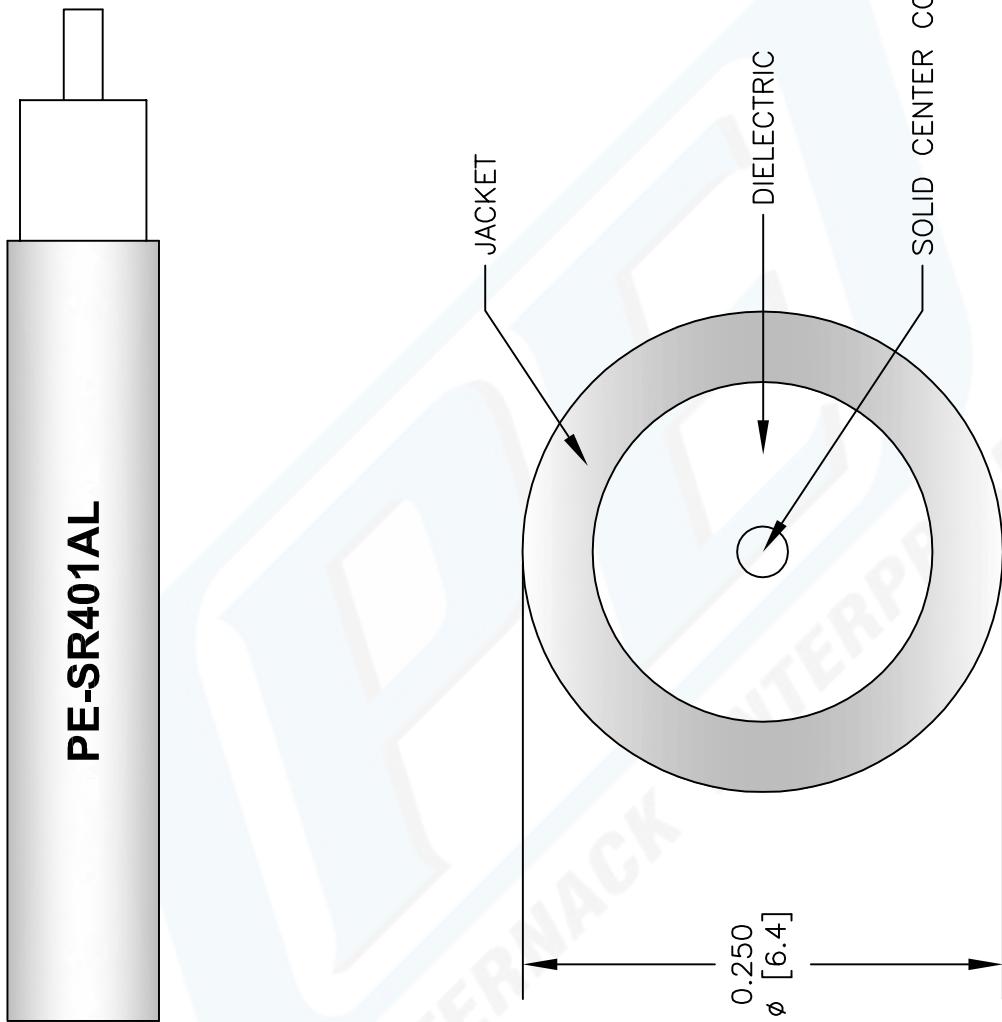
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [250 Semi-rigid Coax Cable with Tinned Aluminum Outer Conductor PE-SR401AL](http://www.pasternack.com/semirigid-0.250-50-ohm-coax-cable-tinned-aluminum-pe-sr401al-p.aspx)

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.

# PE-SR401AL CAD Drawing

250 Semi-rigid Coax Cable with Tinned Aluminum Outer Conductor



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	
<b>PE-SR401AL</b>	

REV. A	FSCM NO.	022808-A	SCALE N/A	SIZE A	147
	53919				

<b>PE PASTERNACK®</b>	Pasternack Enterprises, Inc. P.O. Box 16759   Irvine   CA   92623 Phone: (949) 261-1920   Fax: (949) 261-7451 Website: <a href="http://www.pasternack.com">www.pasternack.com</a>   E-Mail: <a href="mailto:sales@pasternack.com">sales@pasternack.com</a>
-----------------------	---