



## 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
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###### 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](#)

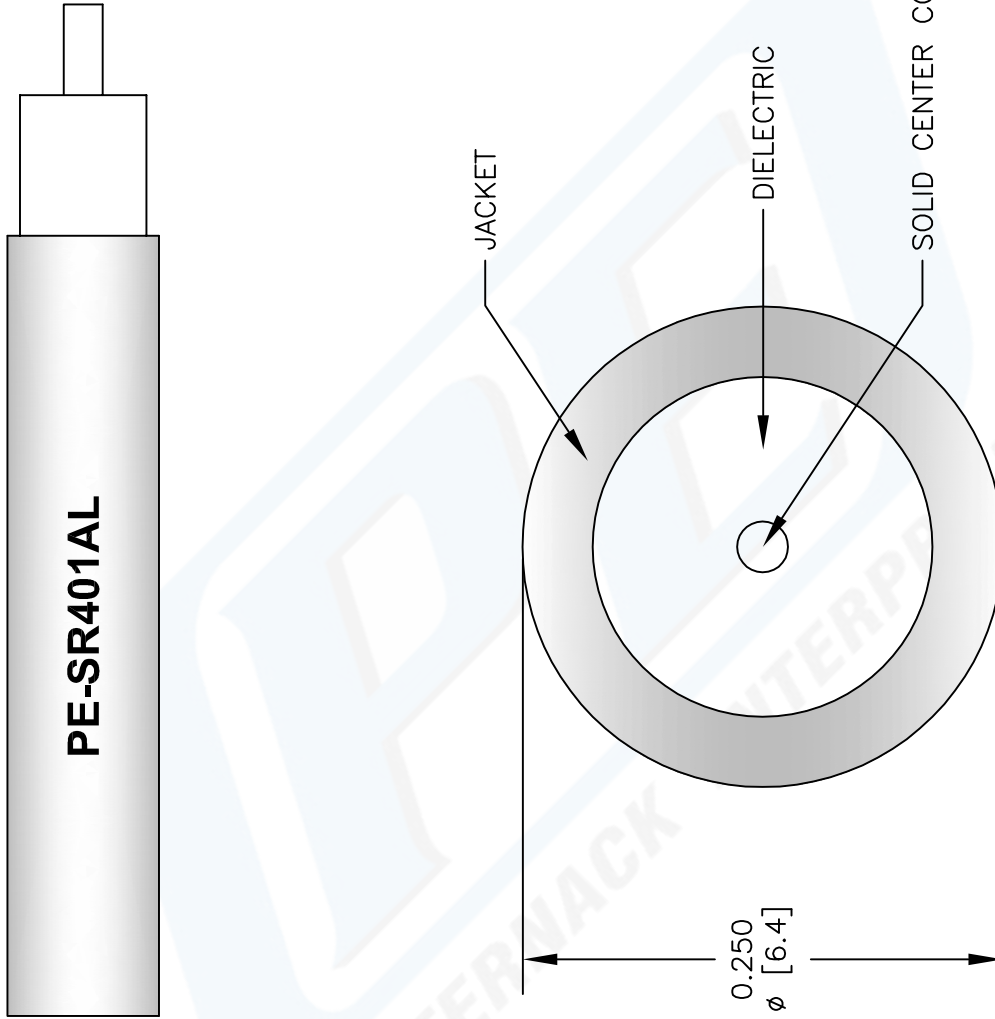
The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. Pasternack reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal.





# 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  
**PE-SR401AL**

REV. A FSCM NO. 53919

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

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