



## N Male Connector Solder Attachment for PE-SR401AL, PE-SR401FL, RG401

### RF Connectors Technical Data Sheet

PE4376

#### Configuration

- N Male Connector
- MIL-STD-348A
- 50 Ohms
- Straight Body Geometry
- PE-SR401AL, PE-SR401FL, RG401 Interface Type
- Solder/Solder Attachment

#### Features

- Max. Operating Frequency 11 GHz
- Good VSWR of 1.5:1
- Gold Plated Brass Contact
- 30 µin minimum contact plating

#### Applications

- General Purpose Test
- Custom Cable Assemblies

#### Description

Pasternack's PE4376 type N male 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 type N male connector operates up to a maximum frequency of 11 GHz and offers good VSWR of 1.5:1.

Our type N male connector PE4376 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		11	GHz
VSWR			1.5:1	
Operating Voltage (AC)			1,000	Vrms

#### Mechanical Specifications

<b>Size</b>	
Length	0.965 in [24.51 mm]
Width/Dia.	0.787 in [19.99 mm]
Weight	0.068 lbs [30.84 g]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [N Male Connector Solder Attachment for PE-SR401AL, PE-SR401FL, RG401 PE4376](#)



N Male Connector Solder Attachment for PE-SR401AL, PE-SR401FL, RG401

RF Connectors  
Technical Data Sheet

PE4376

**Material Specifications**

Description	Material	Plating
Contact	Brass	Gold 30 µin minimum
Insulation	PTFE	
Body	Brass	Gold 3 µin minimum
Coupling Nut	Brass	Nickel 100 µin minimum

**Environmental Specifications**

**Temperature**

Operating Range

-65 to +165 deg C

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

**Plotted and Other Data**

Notes:

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [N Male Connector Solder Attachment for PE-SR401AL, PE-SR401FL, RG401 PE4376](#)

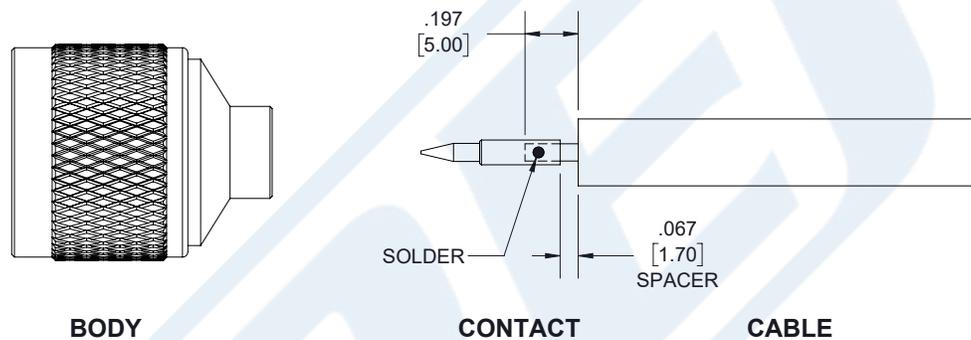


N Male Connector Solder Attachment for PE-SR401AL, PE-SR401FL, RG401

RF Connectors  
Technical Data Sheet

PE4376

**Assembly Instruction**



**ASSEMBLY PROCEDURES**

1. STRIP CABLE TO THE DIMENSIONS SHOWN. DO NOT NICK CENTER CONDUCTOR.
2. PUSH CENTER CONDUCTOR INTO CONTACT WITH LEAVE SPACER. AND SOFT SOLDER CENTER CONDUCTOR IN PLACE.
3. INSERT CABLE INTO BODY UNTIL OUTER CONDUCTOR IS FLUSH WITH BODY SHOULDER. SOLDER OUTER CONDUCTOR TO BODY.

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [N Male Connector Solder Attachment for PE-SR401AL, PE-SR401FL, RG401 PE4376](#)



## N Male Connector Solder Attachment for PE-SR401AL, PE-SR401FL, RG401

### RF Connectors Technical Data Sheet

PE4376

N Male 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 99.4% availability and are part of the broadest selection in the industry.

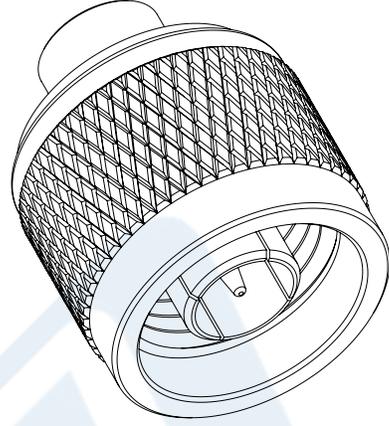
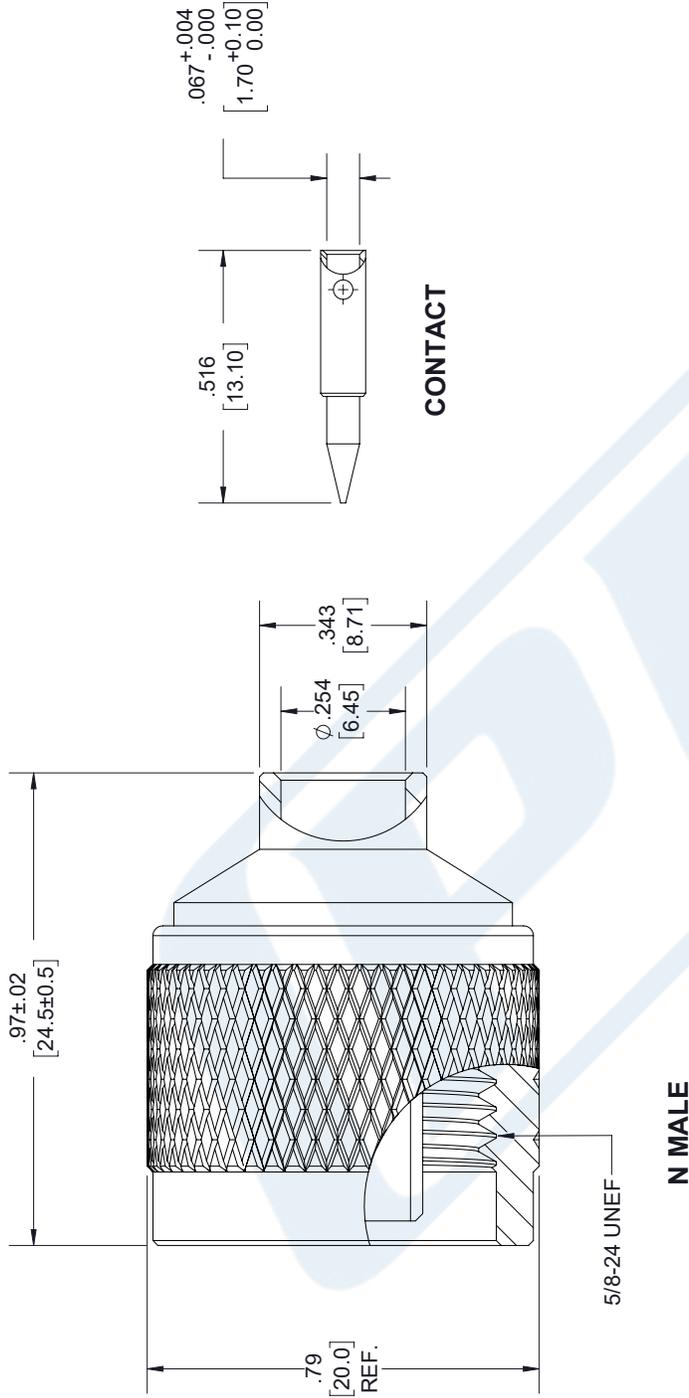
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [N Male Connector Solder Attachment for PE-SR401AL, PE-SR401FL, RG401 PE4376](https://www.pasternack.com/n-male-standard-pe-sr401al-pe-sr401fl-rg401-connector-pe4376-p.aspx)

URL: <https://www.pasternack.com/n-male-standard-pe-sr401al-pe-sr401fl-rg401-connector-pe4376-p.aspx>

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# PE4376 CAD Drawing

N Male Connector Solder Attachment for PE-SR401AL, PE-SR401FL, RG401



STANDARD TOLERANCES	
.X	±0.2
.XX	±0.01
.XXX	±0.005

\*STANDARD TOLERANCES APPLY ONLY TO DIMENSIONS IN INCHES



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DWG TITLE

PE4376

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].

CAGE CODE 53919

CAD FILE 08/27/18

SCALE N/A

SIZE A

7361



## 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

<b>Size</b>	
Length	0.71 in [18.03 mm]
Width/Dia.	0.378 in [9.60 mm]
Height	0.57 in [14.48 mm]
Weight	0.02 lbs [9.07 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 99.4% availability and are part of the broadest selection in the industry.

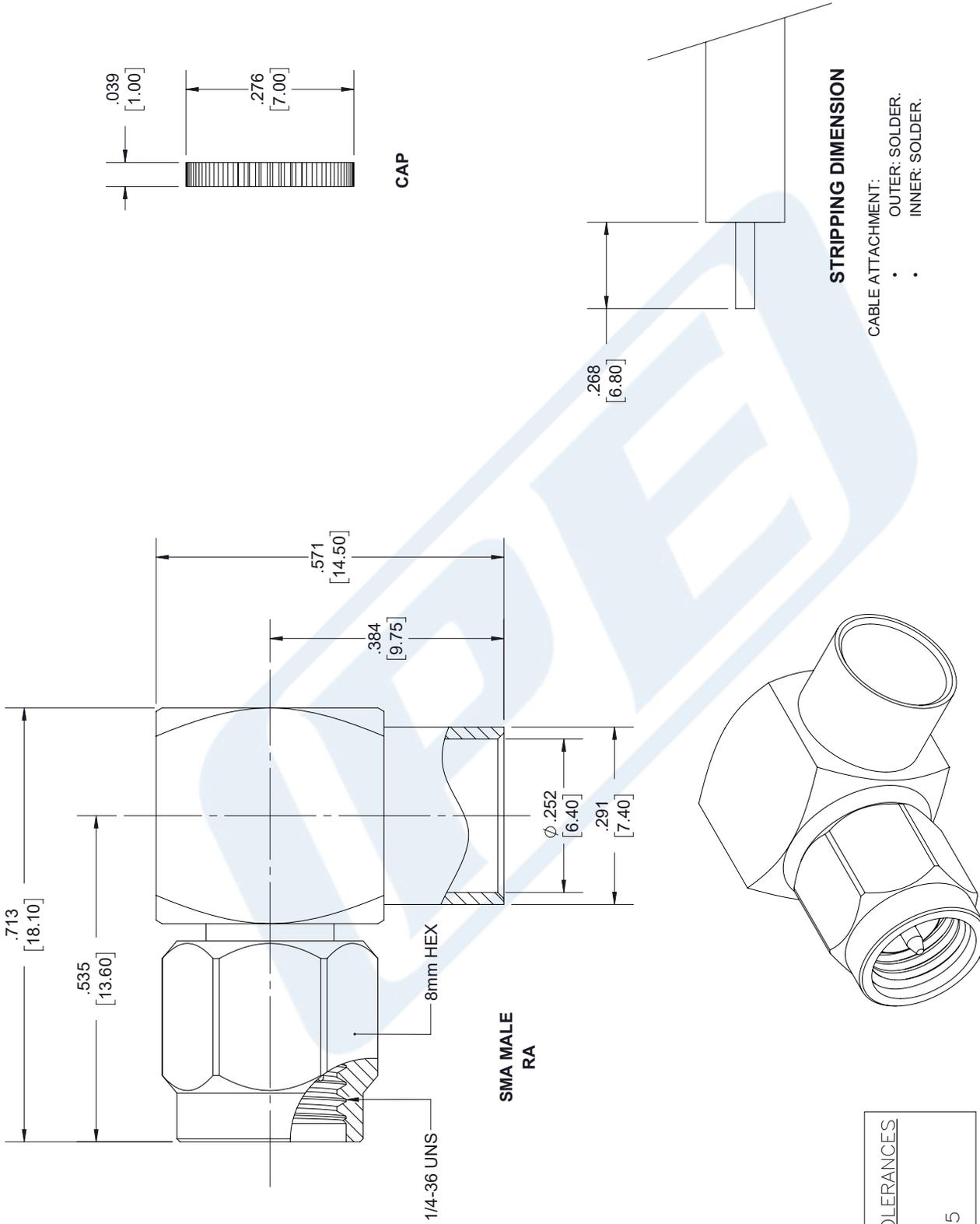
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [SMA Male Right Angle Connector Solder Attachment for PE-SR401AL, PE-SR401FL, RG401 PE4932](#)

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

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# PE4932 CAD Drawing

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



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DWG TITLE  
**PE4923**

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CAD FILE 11/07/18

CAGE CODE **53919**

SCALE N/A

SIZE A

7361



## Formable 250 Semi-rigid Coax Cable with Tinned Copper Braid Outer Conductor

### TECHNICAL DATA SHEET

PE-SR401FL

Formable 250 Semi-rigid Coax Cable with Tinned Copper Braid Outer Conductor

#### Configuration

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

#### Electrical Specifications

Impedance, Ohms	50
Velocity of Propagation, %	69.5
Maximum Operating Frequency, GHz	18
Capacitance, pF/ft [pF/m]	29 [95.14]
Maximum Operating Voltage, Volts	3,500

#### Electrical Specifications by Frequency

##### Frequency 1

Frequency, MHz	500
Attenuation, dB/100ft [dB/100m]	5.2 [17.06]

##### Frequency 2

Frequency, MHz	1000
Attenuation, dB/100ft [dB/100m]	7.6 [24.93]

##### Frequency 3

Frequency, GHz	5
Attenuation, dB/100ft [dB/100m]	19.2 [62.99]

##### Frequency 4

Frequency, GHz	10
Attenuation, dB/100ft [dB/100m]	29.9 [98.1]

##### Frequency 5

Frequency, GHz	18
Attenuation, dB/100ft [dB/100m]	44.2 [145.01]

#### Mechanical Specifications

##### Temperature

Operating Range, deg C	-55 to +125
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Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Formable 250 Semi-rigid Coax Cable with Tinned Copper Braid Outer Conductor PE-SR401FL](#)

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## Formable 250 Semi-rigid Coax Cable with Tinned Copper Braid Outer Conductor

### TECHNICAL DATA SHEET

PE-SR401FL

#### Inner Conductor

Number of Strands	1
Material	Copper
Plating	Silver
Diameter, in [mm]	0.066 [1.68]

#### Dielectric:

Type	PTFE
Diameter, in [mm]	0.21 [5.33]

#### Shield:

Number of	1
Material 1	Tinned Copper Braid
Diameter, in [mm]	0.25 [6.35]

#### Jacket:

One Time Minimum Bend Radius, in [mm]	1.18 [29.97]
Repeated Minimum Bend Radius, in [mm]	4.7 [119.38]
Weight, lbs/ft [Kg/m]	0.088 [0.13]

#### Compliance Certifications (visit [www.Pasternack.com](http://www.Pasternack.com) for current document)

RoHS Compliant	Yes
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#### Plotted and Other Data

Notes:	Values at 25 °C, sea level
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Formable 250 Semi-rigid Coax Cable with Tinned Copper Braid 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.

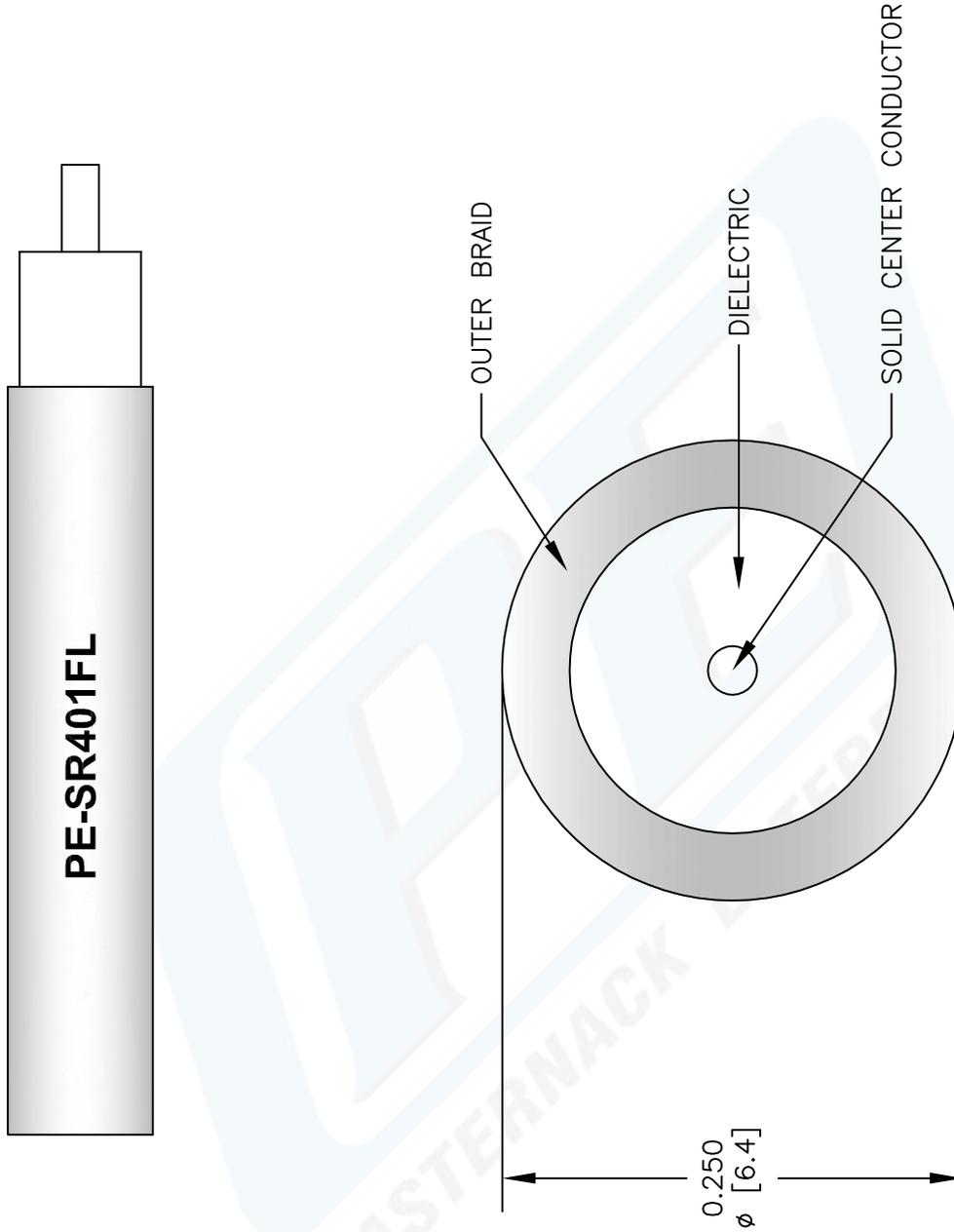
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Formable 250 Semi-rigid Coax Cable with Tinned Copper Braid Outer Conductor PE-SR401FL](#)

URL: <http://www.pasternack.com/formable-0.250-semirigid-replacement-50-ohm-coax-cable-tinned-braid-pe-sr401fl-p.aspx>

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# PE-SR401FL CAD Drawing

Formable 250 Semi-rigid Coax Cable with Tinned Copper Braid Outer Conductor



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DWG TITLE  
**PE-SR401FL**

REV. B	FSCM NO. 53919	CAD FILE 072408-B	SCALE N/A	SIZE A	147
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