



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](#)



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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.

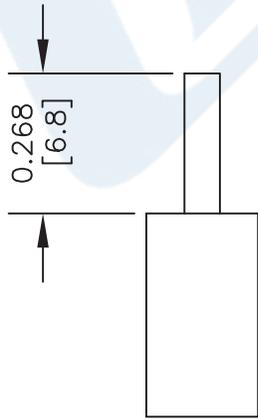
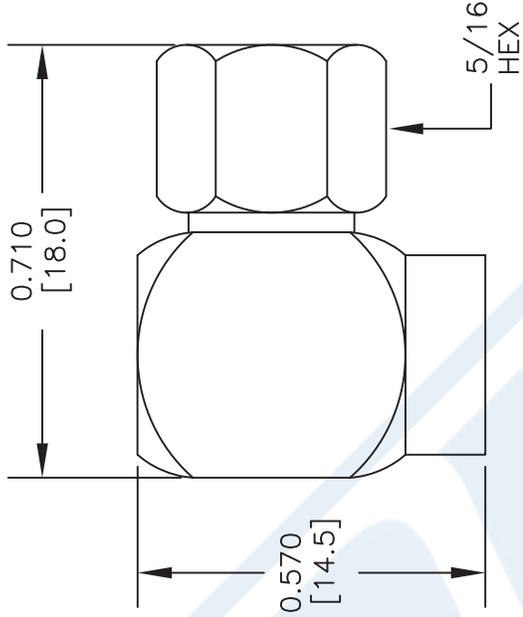
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URL: <https://www.pasternack.com/sma-male-standard-pe-sr401al-pe-sr401fl-rg401-connector-pe4932-p.aspx>

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PE4932 CAD Drawing

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



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.

DWG TITLE

PE4932

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.

FSCM NO. 53919

CAD FILE 062013

SCALE N/A

SIZE A

XXXX



PASTERNAK®

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Website: www.pasternack.com | E-Mail: sales@pasternack.com



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Temperature

Operating Range -65 to +165 deg C

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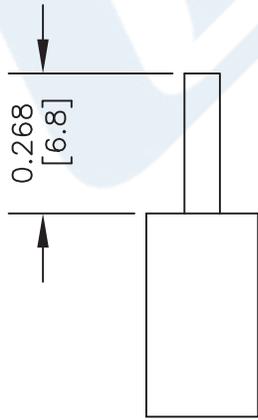
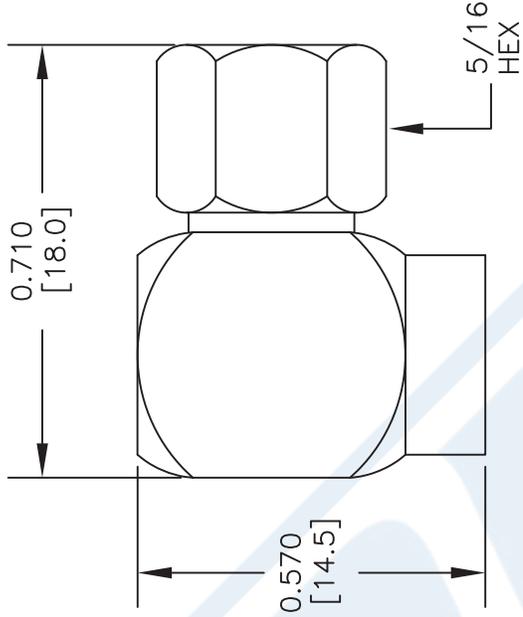
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PE4932 CAD Drawing

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DWG TITLE

PE4932

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FSCM NO. 53919

CAD FILE 062013

SCALE N/A

SIZE A

XXXX



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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 |
|------------------------|-------------|

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 for current document)

| | |
|----------------|-----|
| RoHS Compliant | Yes |
|----------------|-----|

Plotted and Other Data

| | |
|--------|----------------------------|
| Notes: | Values at 25 °C, sea level |
|--------|----------------------------|

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.

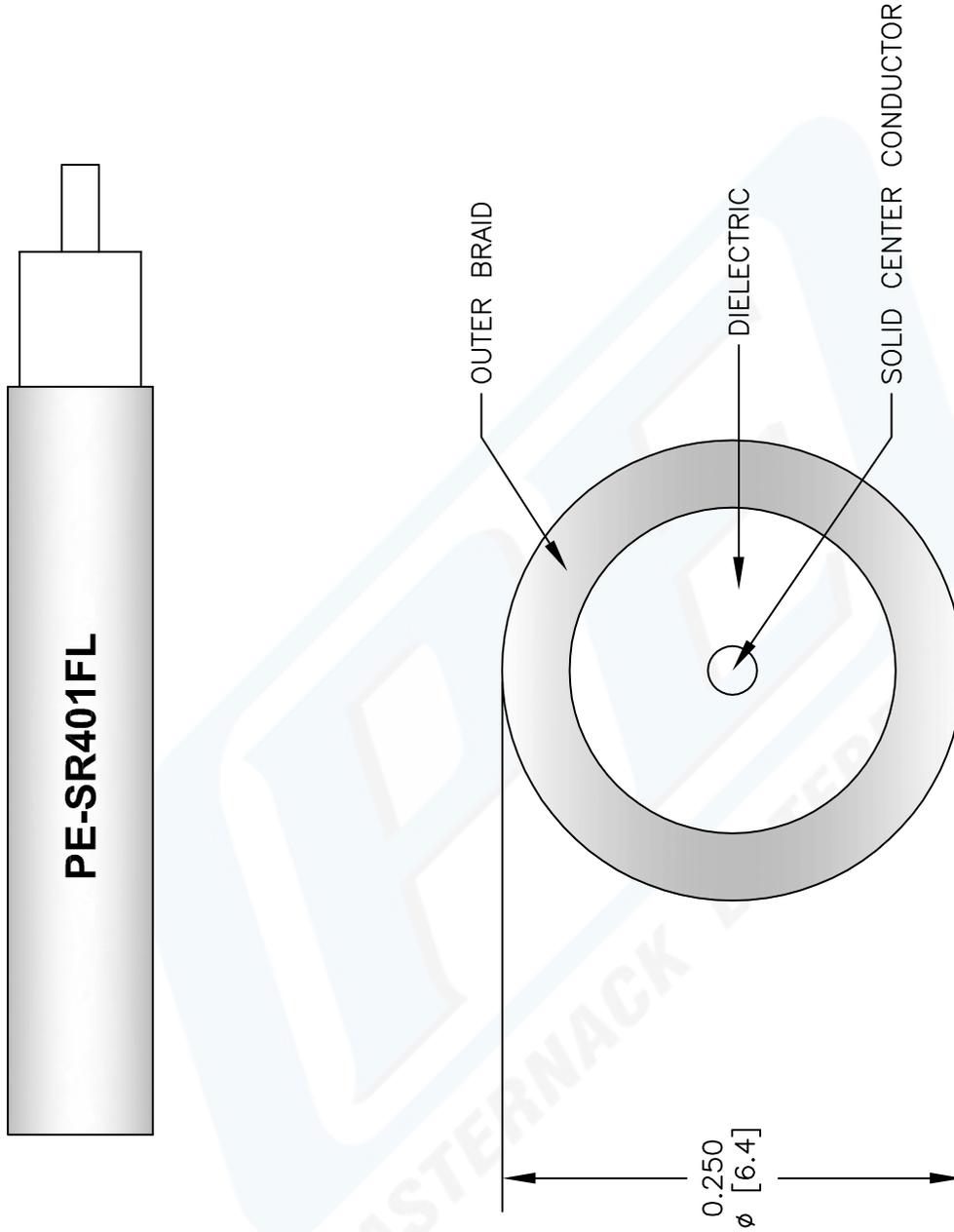
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URL: <http://www.pasternack.com/formable-0.250-semirigid-replacement-50-ohm-coax-cable-tinned-braid-pe-sr401fl-p.aspx>

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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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