

RP SMA Male Connector Crimp/Solder Attachment
 for PE-C400, PE-B400, PE-B405, LMR-400,
 LMR-400-DB, LMR-400-UF, 0.400 inch



RF Connectors Technical Data Sheet

PE44666

Configuration

- SMA Male Reverse Polarity Connector
- 50 Ohms
- Straight Body Geometry
- PE-C400, PE-B400, PE-B405, LMR-400, LMR-400-

- DB, LMR-400-UF, 0.400 inch Interface Type
- Crimp/Solder Attachment
- 5/16 inch Hex

Features

- Max. Operating Frequency 12.4 GHz
- Gold Plated Beryllium Copper Contact

- Reverse Polarity

Applications

- General Purpose Test
- Custom Cable Assemblies

Description

Pasternack's PE44666 RP SMA male connector with crimp/solder attachment for PE-C400, PE-B400, PE-B405, LMR-400, LMR-400-DB, LMR-400-UF and 0.400 inch is part of our full line of RF components available for same-day shipping. The male reverse polarity configuration uses a male connector body with a female inner contact receptacle. Our SMA male connector operates up to a maximum frequency of 12.4 GHz.

Our reverse polarity SMA male connector PE44666 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 | 1.425 in [36.2 mm] |
| Width/Dia. | 0.709 in [18.01 mm] |
| Weight | 0.07 lbs [31.75 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: [RP SMA Male Connector Crimp/Solder Attachment for PE-C400, PE-B400, PE-B405, LMR-400, LMR-400-DB, LMR-400-UF, 0.400 inch PE44666](#)

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 LMR-400-DB, LMR-400-UF, 0.400 inch



RF Connectors Technical Data Sheet

PE44666

Material Specifications

| Description | Material | Plating |
|--------------|------------------|---------|
| Contact | Beryllium Copper | 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:

RP SMA Male Connector Crimp/Solder Attachment for PE-C400, PE-B400, PE-B405, LMR-400, LMR-400-DB, LMR-400-UF, 0.400 inch 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.

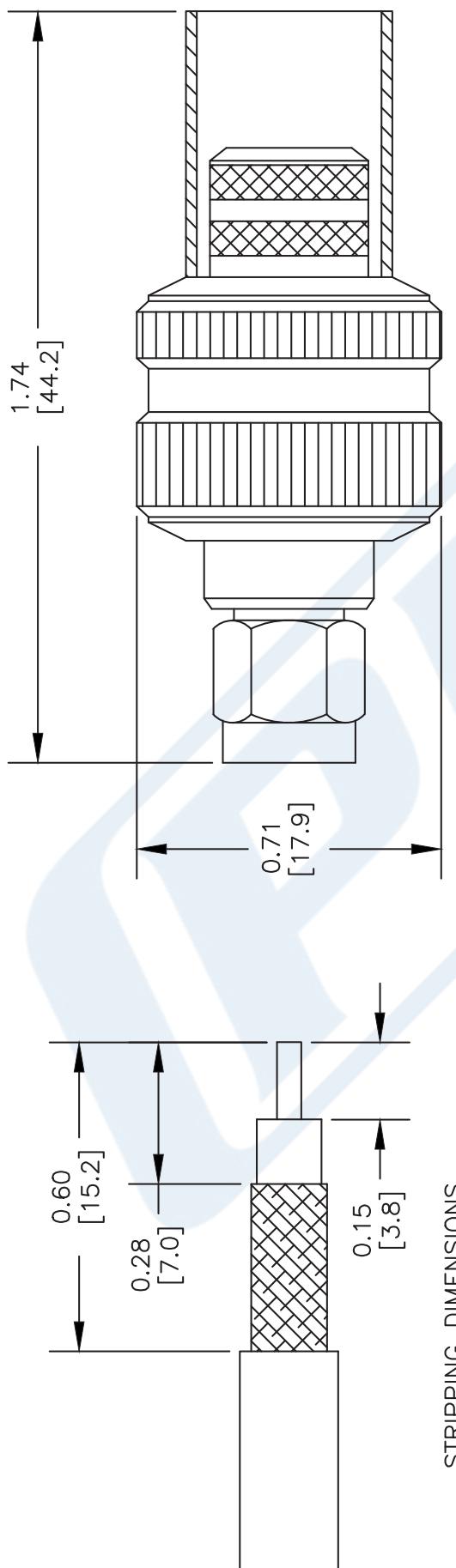
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URL: <https://www.pasternack.com/sma-male-reverse-polarity-pe-c400-0.400-connector-pe44666-p.aspx>

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PE44666 CAD Drawing

RP SMA Male Connector Crimp/Solder Attachment for PE-C400, PE-B400, PE-B405, LMR-400, LMR-400-DB, LMR-400-UF, 0.400 inch



CONTACT: SOLDER
FERRULE: .429" HEX CRIMP TOOL

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
PE44666

PASTERNAK
Pasternack Enterprises, Inc.
P.O. Box 16759 | Irvine | CA | 92623
Phone: (949) 261-1920 | Fax: (949) 261-7451
Website: www.pasternack.com | E-Mail: sales@pasternack.com

| REV. A | FSCM NO. | 53919 | CAD FILE | 011912 | SCALE N/A | SIZE A | 2233 |
|--------|----------|-------|----------|--------|-----------|--------|------|
|--------|----------|-------|----------|--------|-----------|--------|------|

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| Body | Brass | Gold |
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Environmental Specifications

Temperature

Operating Range

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

Plotted and Other Data

Notes:

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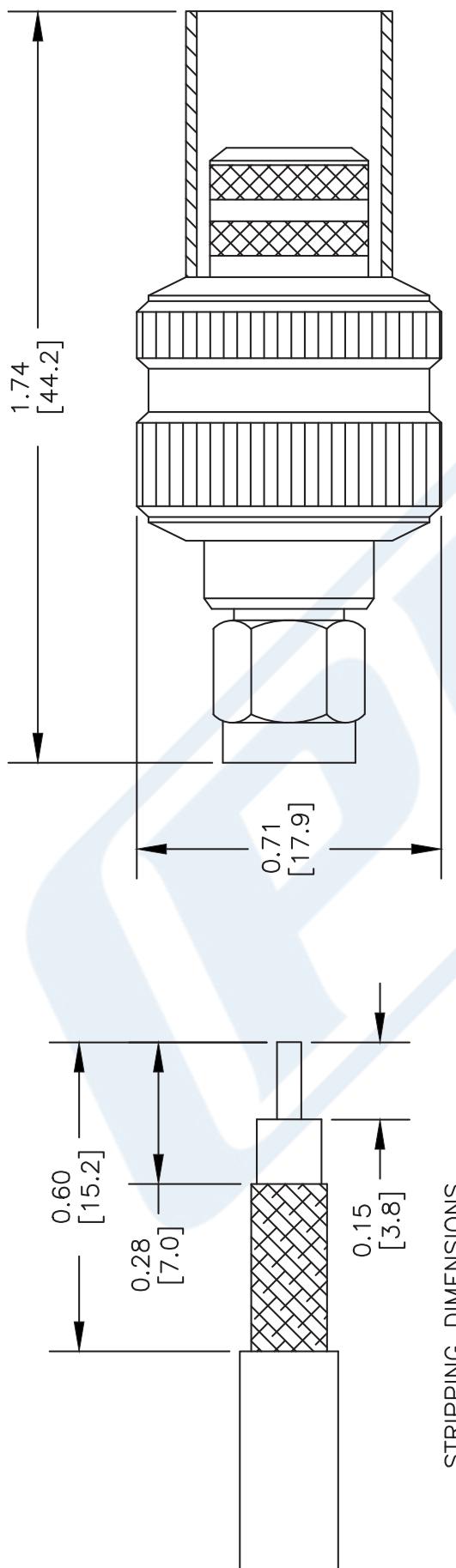
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URL: <https://www.pasternack.com/sma-male-reverse-polarity-pe-c400-0.400-connector-pe44666-p.aspx>

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PE44666 CAD Drawing

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DWG TITLE
PE44666

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



Flexible RG8 Type with Foam Dielectric Coax Cable Double Shielded with Black PVC Jacket

TECHNICAL DATA SHEET

PE-B400

Flexible RG8 Type with Foam Dielectric Coax Cable Double Shielded with Black PVC Jacket

Configuration

| | |
|--------------------------------------|------------------------------------|
| Inner Conductor Material and Plating | Copper |
| Dielectric Type | PE (F) |
| Shield Materials | Aluminum Tape, Tinned Copper Braid |
| Jacket Material and Color | PVC, Black |

Electrical Specifications

| | |
|----------------------------------|-----------|
| Impedance, Ohms | 50 |
| Maximum Operating Frequency, GHz | 4 |
| Capacitance, pF/ft [pF/m] | 26 [85.3] |
| Maximum Operating Voltage, Volts | 600 |

Electrical Specifications by Frequency

Frequency 1

| | |
|---------------------------------|------------|
| Frequency, MHz | 10 |
| Attenuation, dB/100ft [dB/100m] | 0.5 [1.64] |
| Power Handling, KWatts | 3 |

Frequency 2

| | |
|---------------------------------|-------------|
| Frequency, MHz | 400 |
| Attenuation, dB/100ft [dB/100m] | 3.5 [11.48] |
| Power Handling, Watts | 325 |

Frequency 3

| | |
|---------------------------------|----------|
| Frequency, MHz | 700 |
| Attenuation, dB/100ft [dB/100m] | 5 [16.4] |
| Power Handling, Watts | 225 |

Frequency 4

| | |
|---------------------------------|-----------|
| Frequency, MHz | 1000 |
| Attenuation, dB/100ft [dB/100m] | 6 [19.69] |
| Power Handling, Watts | 190 |

Frequency 5

| | |
|---------------------------------|------------|
| Frequency, GHz | 4 |
| Attenuation, dB/100ft [dB/100m] | 13 [42.65] |
| Power Handling, Watts | 65 |

Mechanical Specifications

Temperature

| | |
|------------------------|------------|
| Operating Range, deg C | -40 to +80 |
|------------------------|------------|

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Flexible RG8 Type with Foam Dielectric Coax Cable Double Shielded with Black PVC Jacket PE-B400](#)

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Flexible RG8 Type with Foam Dielectric Coax Cable Double Shielded with Black PVC Jacket

TECHNICAL DATA SHEET

PE-B400

Inner Conductor

Number of Strands 1
Material Copper
Diameter, in [mm] 0.103 [2.62]

Dielectric:

Type PE (F)
Diameter, in [mm] 0.285 [7.24]

Shield:

Number of 2
Material 1 Aluminum Tape
Material 2 Tinned Copper Braid

Jacket:

Material PVC
Diameter, in [mm] 0.403 [10.24]
Color Black
Weight, lbs/ft [Kg/m] 0.112 [0.17]

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

Plotted and Other Data

Notes: Values at 25 °C, sea level

Flexible RG8 Type with Foam Dielectric Coax Cable Double Shielded with Black PVC Jacket 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.

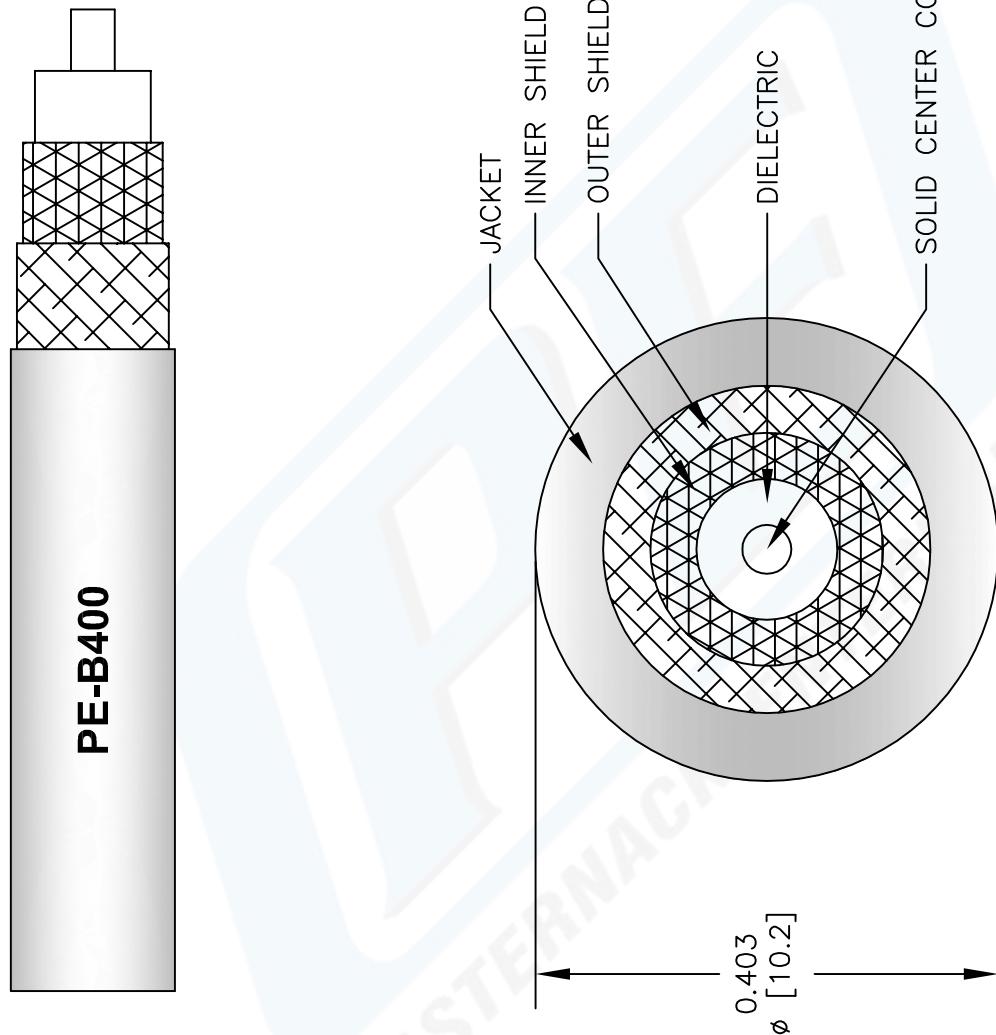
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Flexible RG8 Type with Foam Dielectric Coax Cable Double Shielded with Black PVC Jacket PE-B400](http://www.pasternack.com/flexible-0.403-rg8-type-50-ohm-coax-cable-pvc-jacket-pe-b400-p.aspx)

URL: <http://www.pasternack.com/flexible-0.403-rg8-type-50-ohm-coax-cable-pvc-jacket-pe-b400-p.aspx>

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PE-B400 CAD Drawing

Flexible RG8 Type with Foam Dielectric Coax Cable
Double Shielded with Black PVC Jacket



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| PASTERNACK® | DWG TITLE | PE-B400 | | | | | |
|---|-----------|---------|----------|----------|-----------|--------|-----|
| Pasternack Enterprises, Inc. P.O. Box 16759 Irvine CA 92623 Phone: (949) 261-1920 Fax: (949) 261-7451 Website: www.pasternack.com E-Mail: sales@pasternack.com | FSCM NO. | 53919 | CAD FILE | 040113-A | SCALE N/A | SIZE A | 127 |