



SSMA Female Connector Solder Attachment for PE-SR405AL, PE-SR405FL, PE-SR405FLJ, RG405

RF Connectors Technical Data Sheet

PE44387

Configuration

- SSMA Female Connector
- MIL-STD-348
- 50 Ohms
- Straight Body Geometry

- PE-SR405AL, PE-SR405FL, PE-SR405FLJ, RG405
- Interface Type
- Solder/Solder Attachment

Features

- Max. Operating Frequency 26 GHz
- Gold Plated Beryllium Copper Contact

- Contact plating according to MIL-G-45204

Applications

- General Purpose Test
- Custom Cable Assemblies

Description

Pasternack's PE44387 SSMA female connector with solder/solder attachment for PE-SR405AL, PE-SR405FL, PE-SR405FLJ and RG405 is part of our full line of RF components available for same-day shipping. Our SSMA female connector operates up to a maximum frequency of 26 GHz.

Our SSMA female connector PE44387 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		26	GHz
Dielectric Withstanding Voltage (AC)			750	Vrms
Insulation Resistance	5,000			MOhms

Mechanical Specifications

Size

Length
Width/Dia.

0.5 in [12.7 mm]
0.187 in [4.75 mm]

Weight

0.004 lbs [1.81 g]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [SSMA Female Connector Solder Attachment for PE-SR405AL, PE-SR405FL, PE-SR405FLJ, RG405 PE44387](#)



SSMA Female Connector Solder Attachment for PE-SR405AL, PE-SR405FL, PE-SR405FLJ, RG405

RF Connectors Technical Data Sheet

PE44387

Material Specifications

Description	Material	Plating
Contact	Beryllium Copper	Gold MIL-G-45204
Insulation	PTFE	
Body	Brass	Gold MIL-G-45204

Environmental Specifications

Temperature

Operating Range

-65 to +165 deg C

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

Plotted and Other Data

Notes:

SSMA Female Connector Solder Attachment for PE-SR405AL, PE-SR405FL, PE-SR405FLJ, RG405 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.

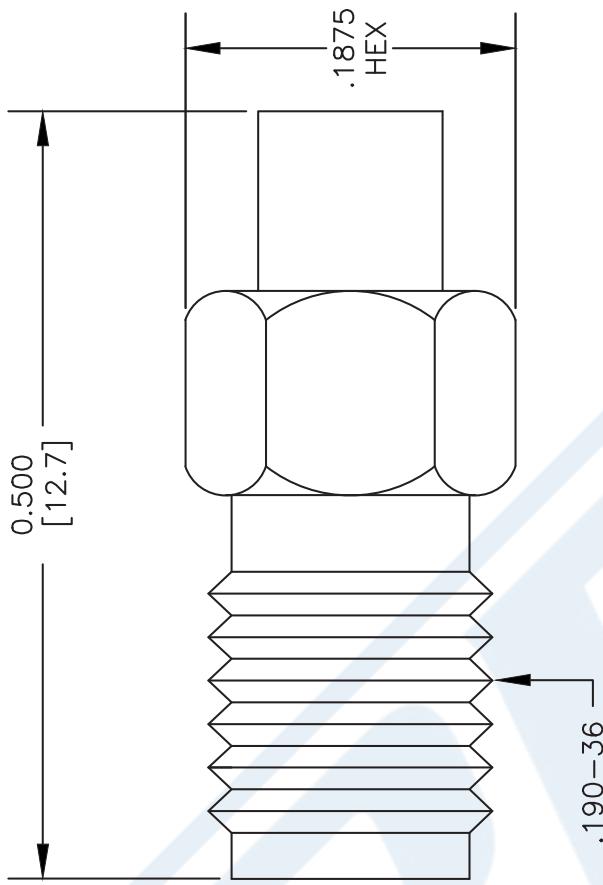
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [SSMA Female Connector Solder Attachment for PE-SR405AL, PE-SR405FL, PE-SR405FLJ, RG405 PE44387](#)

URL: <https://www.pasternack.com/ssma-female-standard-pe-sr405al-pe-sr405fl-rg405-connector-pe44387-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. Pasternack does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Pasternack does not assume any liability arising out of the use of any part or documentation.

PE44387 CAD Drawing

SSMA Female Connector Solder Attachment for PE-SR405AL, PE-SR405FL, PE-SR405FLJ, RG405



STRIPPING DIMENSIONS

ASSEMBLY PROCEDURES

1. STRIP CABLE AS SHOWN. DO NOT NICK CENTER CONDUCTOR.
2. SOLDER CONTACT TO CENTER CONDUCTOR.
3. INSERT CABLE INTO BODY UNTIL OUTER CONDUCTOR BOTTOMS OUT. SOLDER OUTER CONDUCTOR TO BODY.



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DWG TITLE	PE44387
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.	

SIZE A	xxxx
CAD FILE	101403

BNC Male Connector Clamp/Solder Attachment for PE-SR405AL, PE-SR405FL, RG405



RF Connectors Technical Data Sheet

PE4207

Configuration

- BNC Male Connector
- 50 Ohms
- Straight Body Geometry
- PE-SR405AL, PE-SR405FL, RG405 Interface Type
- Clamp/Solder Attachment

Applications

- General Purpose Test
- Custom Cable Assemblies

Description

Pasternack's PE4207 BNC male connector with clamp/solder attachment for PE-SR405AL, PE-SR405FL and RG405 is part of our full line of RF components available for same-day shipping.

Our BNC male connector PE4207 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.

Mechanical Specifications

Weight	0.041 lbs [18.6 g]
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Material Specifications

Description	Material	Plating
Body	Brass	Nickel

Environmental Specifications

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: [BNC Male Connector Clamp/Solder Attachment for PE-SR405AL, PE-SR405FL, RG405 PE4207](#)

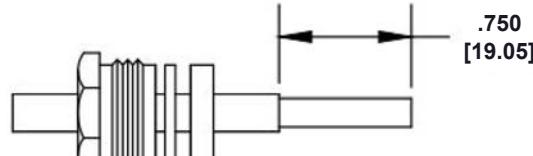
BNC Male Connector Clamp/Solder Attachment
for PE-SR405AL, PE-SR405FL, RG405



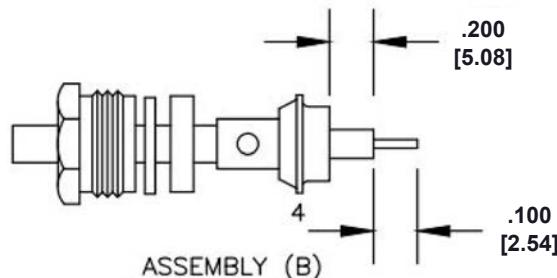
RF Connectors
Technical Data Sheet

PE4207

Assembly Instruction



ASSEMBLY (A)



ASSEMBLY PROCEDURES

1. SLIDE CLAMP NUT (1) & GASKET (2) OVER CABLE.
STRIP CABLE AS SHOWN IN ASSEMBLY (A). DO NOT CUT DIELECTRIC.
2. SLIDE ADAPTER (3) OVER CABLE UNTIL ADAPTER (3) BOTTOMS ON OUTER CONDUCTOR. SOLDER ADAPTER (3) 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.

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [BNC Male Connector Clamp/Solder Attachment for PE-SR405AL, PE-SR405FL, RG405 PE4207](#)

BNC Male Connector Clamp/Solder Attachment for PE-SR405AL, PE-SR405FL, RG405



RF Connectors Technical Data Sheet

PE4207

BNC Male Connector Clamp/Solder Attachment for PE-SR405AL, PE-SR405FL, RG405 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.

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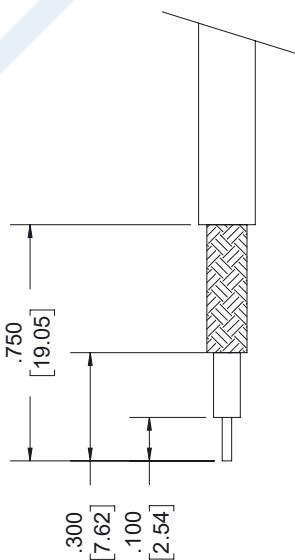
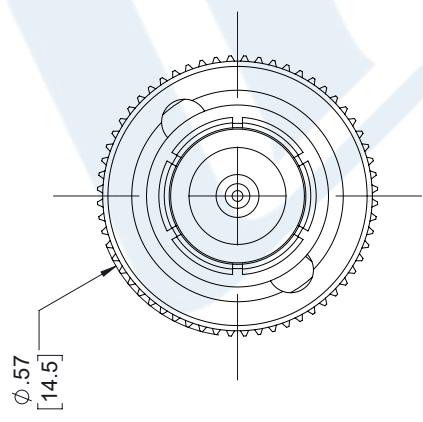
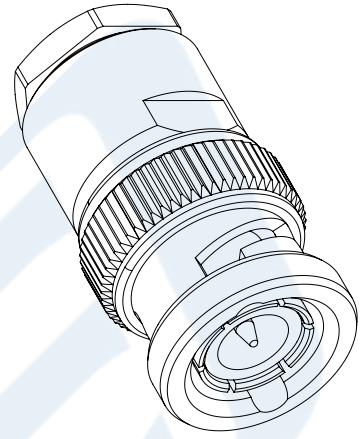
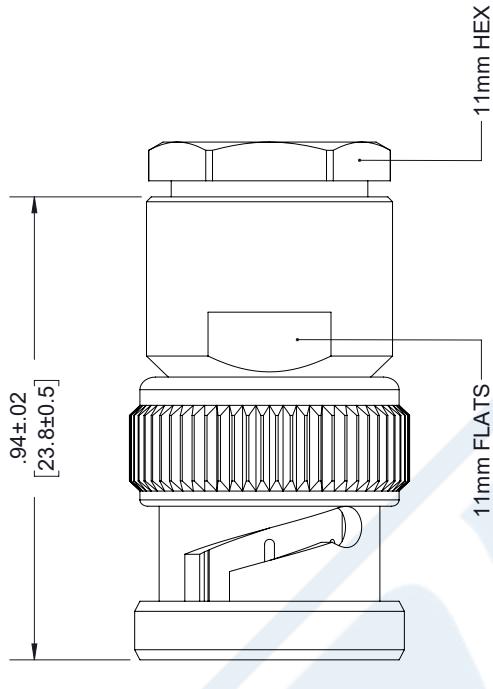
URL: <https://www.pasternack.com/bnc-male-standard-pe-sr405al-pe-sr405fl-rg405-connector-pe4207-p.aspx>

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PE4207 CAD Drawing

BNC Male Connector Clamp/Solder Attachment for PE-SR405AL, PE-SR405FL, RG405

REVISIONS				
REV.	DESCRIPTION	DATE	APPROVED	
1.1	PCR PE4207 20190411	04/27/19	J.GARCIA	



STRIPPING DIMENSIONS

NOTES:

1. CABLE ATTACHMENT:
 - OUTER: CLAMP.
 - INNER: SOLDER.
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SCALE	N/A
SIZE	REV
A	1.1
53919	K.DANG
	PART NUMBER
	PE4207

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086 Semi-rigid Coax Cable with Copper Outer Conductor

TECHNICAL DATA SHEET

RG405/U

086 Semi-rigid Coax Cable with Copper Outer Conductor

Configuration

Inner Conductor Material and Plating	Copper Clad Steel, Silver
Dielectric Type	PTFE
Shield Materials	Copper
Jacket Material and Color	Tan

Electrical Specifications

Impedance, Ohms	50
Maximum Operating Frequency, GHz	40
Dielectric Withstanding Voltage, Vrms	5,000

Electrical Specifications by Frequency

Frequency 1	
Frequency, MHz	1000
Attenuation, dB/100ft [dB/100m]	22 [72.18]
Power Handling, Watts	130

Frequency 2

Frequency, GHz	10
Attenuation, dB/100ft [dB/100m]	80 [262.47]
Power Handling, Watts	35

Frequency 3

Frequency, GHz	20
Attenuation, dB/100ft [dB/100m]	120 [393.7]
Power Handling, Watts	20

Mechanical Specifications

Temperature	
Operating Range, deg C	-55 to +125

Inner Conductor

Number of Strands	1
Material	Copper Clad Steel
Plating	Silver
Diameter, in [mm]	0.02 [0.51]

Dielectric:

Type	PTFE
Diameter, in [mm]	0.066 [1.68]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [086 Semi-rigid Coax Cable with Copper Outer Conductor RG405/U](#)

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086 Semi-rigid Coax Cable with Copper Outer Conductor

TECHNICAL DATA SHEET

RG405/U

Shield:

Number of	1
Material 1	Copper
Diameter, in [mm]	0.087 [2.21]

Jacket:

Color	Tan
One Time Minimum Bend Radius, in [mm]	0.05 [1.27]
Weight, lbs/ft [Kg/m]	0.015 [0.02]

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

RoHS Compliant	Yes
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Plotted and Other Data

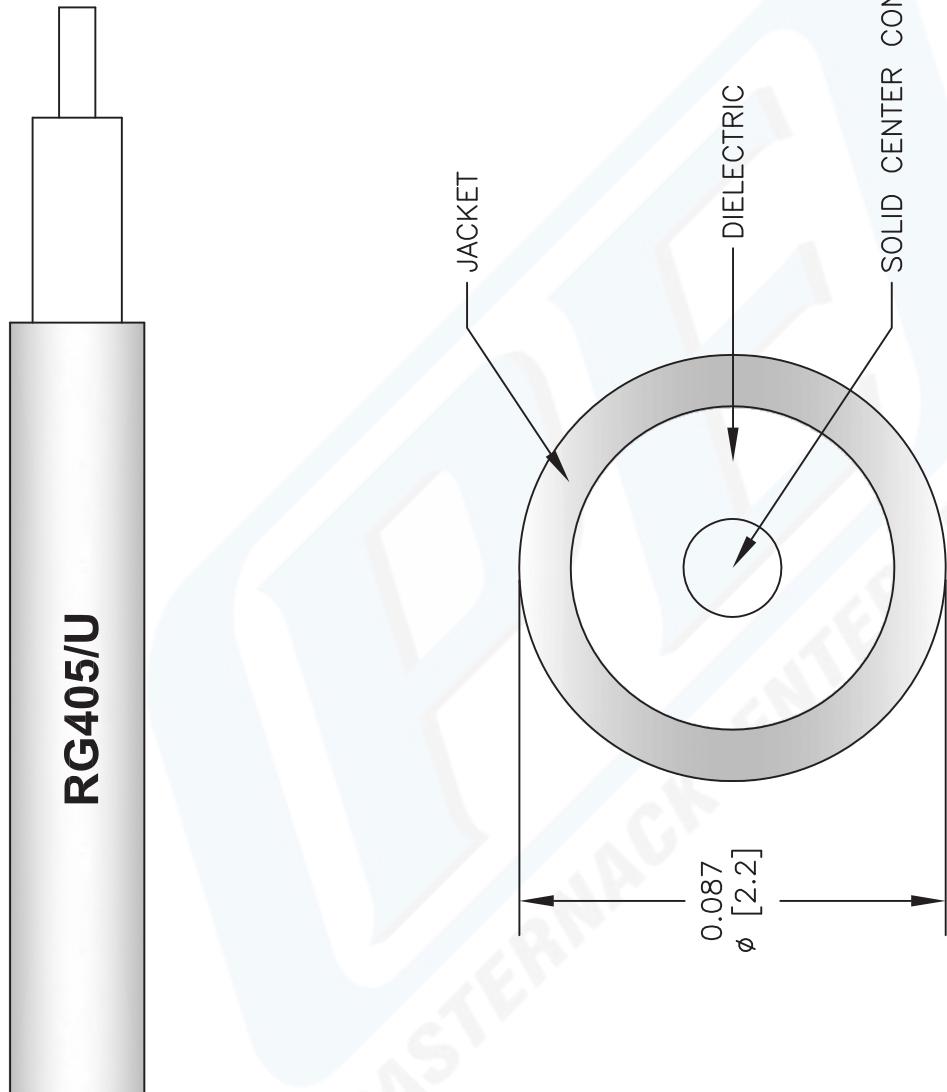
Notes:	Values at 25 °C, sea level
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086 Semi-rigid Coax Cable with Copper Outer Conductor from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and fiber optic products maintain a 99% availability 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: [086 Semi-rigid Coax Cable with Copper Outer Conductor RG405/U](http://www.pasternack.com/semirigid-0.085-rg405-50-ohm-coax-cable-copper-rg405-u-p.aspx)

URL: <http://www.pasternack.com/semirigid-0.085-rg405-50-ohm-coax-cable-copper-rg405-u-p.aspx>

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3. DIMENSIONS ARE IN INCHES [mm].			
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