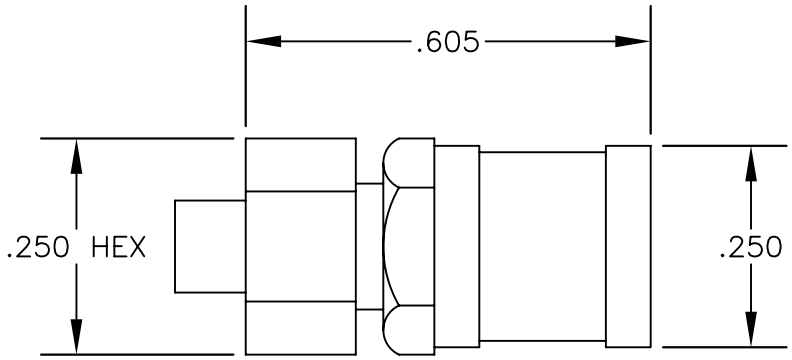
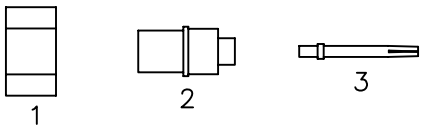
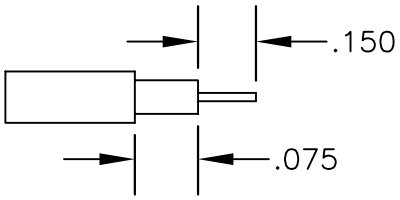
MATERIALS	
BODY	BRASS NICKEL PLATED
CONTACT	GOLD PLATED
SOLDER ADAPTER	GOLD PLATED
INSULATOR	PTFE







STRIPPING DIMENSIONS

ASSEMBLY PROCEDURES

1. STRIP CABLE AS SHOWN. DO NOT NICK CENTER CONDUCTOR & DIELECTRIC. SLIDE CLAMP NUT (1) OVER CABLE.
2. PUSH SLEEVE (2) OVER CABLE UNTIL SLEEVE (2) BOTTOMS ON OUTER CONDUCTOR WITH CENTER CONDUCTOR PROTRUDING THROUGH HOLE. SOLDER SLEEVE (2) TO OUTER CONDUCTOR.
3. SOLDER CONTACT TO CENTER CONDUCTOR. CLEAN EXCESS SOLDER. SLIDE ASSEMBLY INTO BODY & TIGHTEN.

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ESTABLISHED 1972

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COAXIAL & FIBER OPTICS

DWG TITLE **PE4356**

DES. SMB PLUG, SOLDER ATTACHMENT FOR RG405, PE-SR405AL & PE-SR405FL

SIZE A	FSCM NO. 53919	CAD FILE 070505	SCALE N/A		127

NOTES:
1. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE NOMINAL.
2. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME.

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THE ENGINEER'S RF SOURCE

BMA Plug Bulkhead Mount Slide-On Connector Solder/ Non-Solder Contact Attachment for RG405, PE-SR405AL, PE-SR405FL, PE-SR405FLJ, Gold Plated



RF Connectors Technical Data Sheet PE45310

Configuration

- Slide-On BMA Plug Connector
- 50 Ohms
- Straight Body Geometry
- RG405, PE-SR405AL, PE-SR405FL, PE-SR405FLJ, PE-SR405TN Interface Type
- Solder/Non-Solder Contact Attachment
- Bulkhead
- 11 mm Hex

Features

- Max. Operating Frequency 22 GHz
- Good VSWR of 1.3:1
- Gold Plated Beryllium Copper Contact
- 51.18µ in. minimum contact plating
- Blind Mate Connector
- Low-Engagement Force

Applications

- General Purpose Test
- Rack and Panel Mount Applications
- Custom Cable Assemblies
- Blind Mating
- Rack and Panel
- Phased Array Systems
- Base Stations
- RF Backplanes
- Test I/O

Description

Pasternack's PE45310 BMA plug slide-on bulkhead connector with solder/non-solder contact attachment for RG405, PE-SR405AL, PE-SR405FL, PE-SR405FLJ and PE-SR405TN is part of our full line of RF components available for same-day shipping. Our BMA plug connector operates up to a maximum frequency of 22 GHz and offers good VSWR of 1.3:1. The Pasternack blind mate connector is ideal for applications where direct visual or tactile access to the connection point is not possible, for example, when two circuit boards need to be mated. This BMA bulkhead connector allows designers to create external connections on their product enclosures, and can be used in a variety of other rack mount and panel mount applications.

Our BMA plug bulkhead connector PE45310 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		22	GHz
VSWR			1.3:1	
Insertion Loss			0.14	dB
Operating Voltage (AC)			350	Vrms
Dielectric Withstanding Voltage (AC)			1,000	Vrms
Insulation Resistance	5,000			MOhms

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: BMA Plug Bulkhead Mount Slide-On Connector Solder/Non-Solder Contact Attachment for RG405, PE-SR405AL, PE-SR405FL, PE-SR405FLJ, Gold Plated PE45310

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BMA Plug Bulkhead Mount Slide-On Connector Solder/ Non-Solder Contact Attachment for RG405, PE-SR405AL, PE-SR405FL, PE-SR405FLJ, Gold Plated



Mechanical Specifications

Size

Length	0.7 in [17.78 mm]
Width/Dia.	0.43 in [10.92 mm]
Weight	0.006 lbs [2.72 g]
Mating Cycles	1,000 Cycles

Material Specifications

Description	Material	Plating
Contact	Beryllium Copper	Gold 51.18µ in. minimum
Insulation	PTFE	
Outer Conductor	Stainless Steel	Gold 19.68µ in. minimum
Body	Stainless Steel	Gold 19.68µ in. minimum
Washer	Brass	Nickel
O-Ring	Silicone Rubber	

Environmental Specifications

Temperature

Operating Range	-65 to +125 deg C

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BMA Plug Bulkhead Mount Slide-On Connector Solder/ Non-Solder Contact Attachment for RG405, PE-SR405AL, PE-SR405FL, PE-SR405FLJ, Gold Plated

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

BMA Plug Bulkhead Mount Slide-On Connector Solder/Non-Solder Contact Attachment for RG405, PE-SR405AL, PE-SR405FL, PE-SR405FLJ, Gold Plated 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/bma-plug-slide-on-rg405-pe-sr405al-pe-sr405fl-pe-sr405flj-connector-pe45310-p.aspx

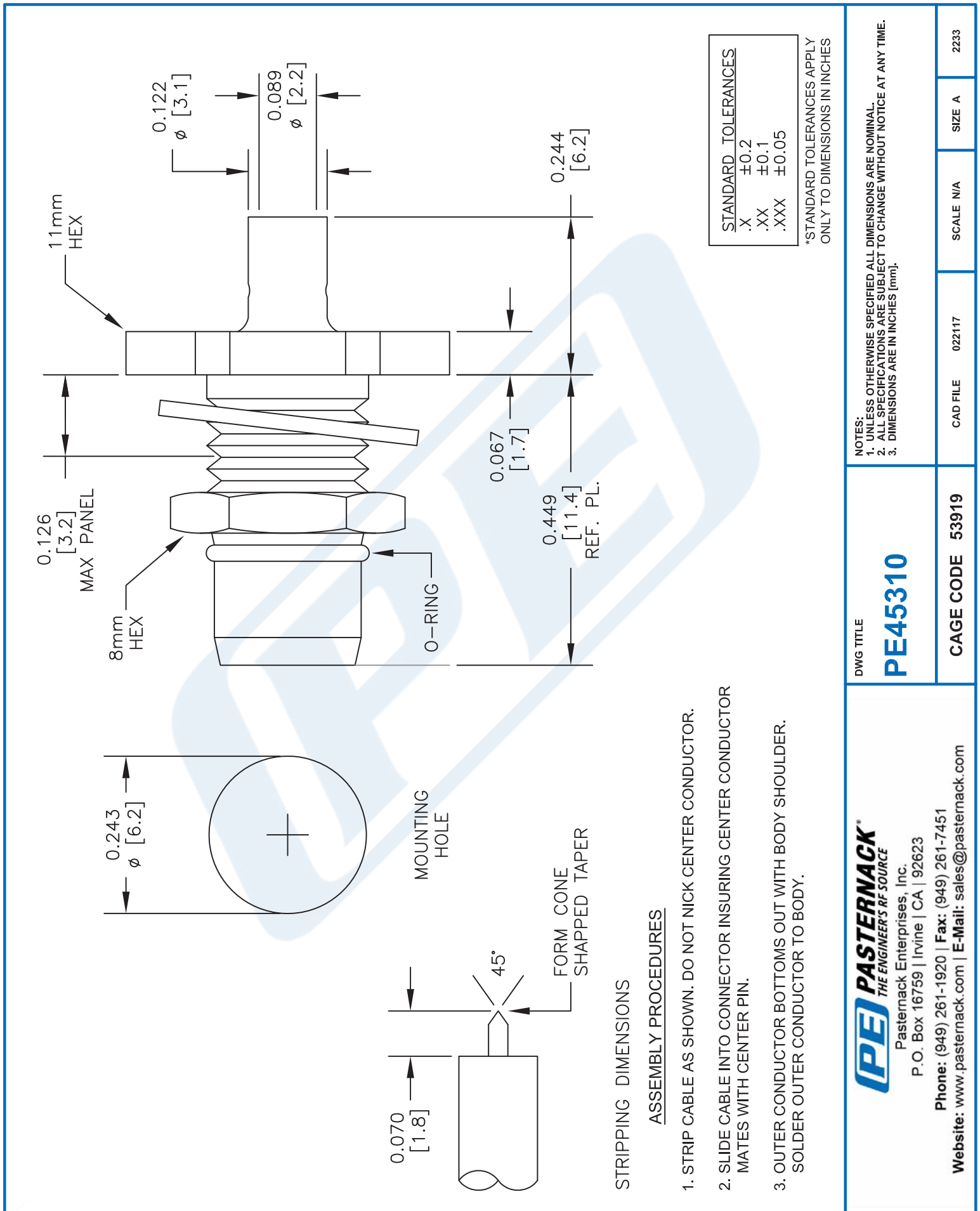
The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. Pasternack reserves the right to make such 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.

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PE45310 CAD Drawing

BMA Plug Bulkhead Mount Slide-On Connector Solder/Non-Solder Contact
Attachment for RG405, PE-SR405AL, PE-SR405FL, PE-SR405FLJ, Gold Plated



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Flexible PE-P086HF Coax Cable Double Shielded with Blue FEP Jacket

RF Cables Technical Data Sheet PE-P086HF

Configuration

- Flexible Cable
- 2 Shield(s)

Description

Pasternack's PE-P086HF is a flexible, high frequency coaxial cable that provides similar loss characteristics to semi-rigid cable and low VSWR of 1.3:1 maximum up to 40 GHz. The low loss coax cable features silver-plated conductors and dual shields to maintain a shielding effectiveness of 110 dB. The size of the conductors for this low VSWR coax was specifically chosen to allow termination with standard connectors designed for M17/133-RG405 and other M17/133 cables. The outer shield is coated with a tough, chemical and heat resistant jacket. This PE-P086HF flexible low loss coaxial cable is a great choice for short length, high frequency system hook-up or jumper cable applications. The Pasternack coax cable can also be used as a replacement option for bent semi-rigid cable assemblies when length and routing are considered.

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		40	GHz
Impedance		50 ±2		Ohms
Velocity of Propagation		70		%
Nominal Capacitance		29.4 [96.46]		pF/ft [pF/m]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: Flexible PE-P086HF Coax Cable Double Shielded with Blue FEP Jacket PE-P086HF

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Flexible PE-P086HF Coax Cable Double Shielded with Blue FEP Jacket

RF Cables Technical Data Sheet PE-P086HF

Performance by Frequency Band

Description	F1	F2	F3	F4	F5	Units
Frequency	0.4	1	2	2.4	3	GHz
Attenuation, Max	13.1	21.1	30.5	33.7	38	dB/100ft
	42.98	69.23	100.07	110.56	124.67	dB/100m
Attenuation, Typ	11.9	19.2	27.7	30.6	34.5	dB/100ft
	39.04	62.99	90.88	100.39	113.19	dB/100m

Description	F6	F7	F8	F9	F10	Units
Frequency	5	10	18	40		GHz
Attenuation, Max	50.3	74.3	104.6	170.3		dB/100ft
	165.03	243.77	343.18	558.73		dB/100m
Attenuation, Typ	45.7	67.5	95.1	154.8		dB/100ft
	149.93	221.46	312.01	507.87		dB/100m

Mechanical Specifications

Diameter	0.104 in [2.64 mm]
Weight	0.013 lbs/ft [0.02 Kg/m]
Min. Bend Radius (Installation)	0.52 in [13.21 mm]

Construction Specifications

Description	Material and Plating	Diameter
Inner Conductor	Copper Clad Steel, Silver, 1 Strands	0.02 in [0.51 mm]
Conductor Type	Solid	
Dielectric	PTFE	0.064 in [1.63 mm]
First Shield	Silver Plated Copper Tape	
Second Shield	Silver Plated Copper Braid	

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Flexible PE-P086HF Coax Cable Double Shielded with Blue FEP Jacket

RF Cables Technical Data Sheet PE-P086HF

Jacket	FEP, Blue	0.104 in [2.64 mm]

Environmental Specifications

Temperature

Operating Range	-55 to +200 deg C

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

Flexible PE-P086HF Coax Cable Double Shielded with Blue FEP Jacket 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: Flexible PE-P086HF Coax Cable Double Shielded with Blue FEP Jacket PE-P086HF

URL: https://www.pasternack.com/50-ohm-flexible-invalid-alias-fep-jacket-silver-plated-copper-tape-over-silver-plated-copper-braid-outer-conductor-double-shielded-blue-pe-p086hf-p.aspx

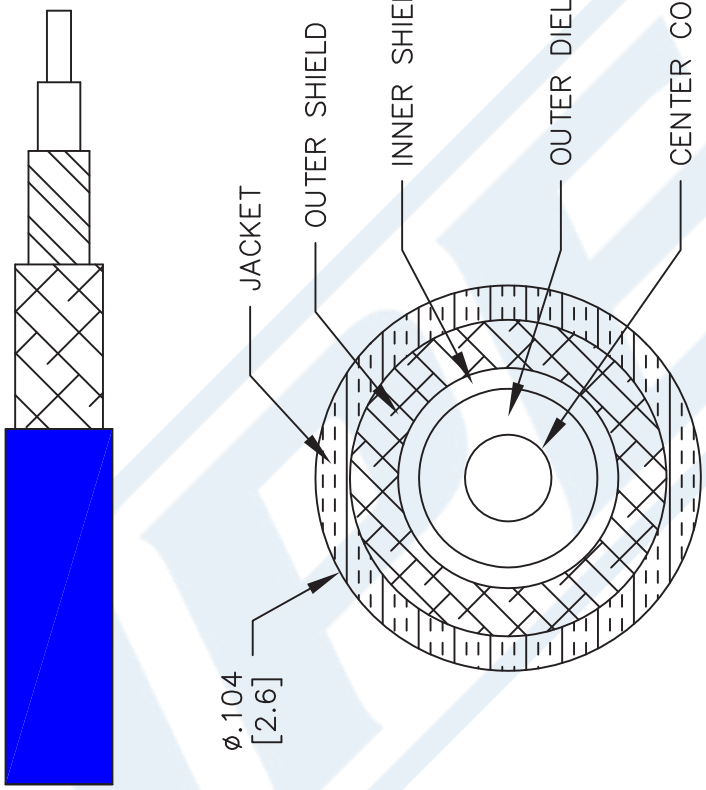
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PE-P086HF CAD Drawing

Flexible PE-P086HF Coax Cable Double Shielded with Blue FEP Jacket



NOTES:
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2. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME.
3. DIMENSIONS ARE IN INCHES [mm].

DWG TITLE
PE-P086HF

CAD FILE 041317 | SCALE N/A | SIZE A | 2233

CAGE CODE 53919

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