BMMA Female Connector Solder Attachment Snap in Mount for PE-SR405AL, PE-SR405FL, PE-SR405FLJ, RG405, RG405 Tinned, .085 Cable



PE5136

Configuration

- BMMA Female Connector
- 50 Ohms
- Straight Body Geometry
- Connector Interface Types: PE-SR405AL, PE-SR405FL, PE-SR405FLJ, RG405, RG405 Tinned, .085 Cable
- Snap in

Features

- Max. Operating Frequency 22 GHz
- Good VSWR of 1.35:1
- Gold Plated Beryllium Copper Contact

Applications

- General Purpose Test
- Custom Cable Assemblies

Description

Pasternack's PE5136 BMMA Connector is part of our full line of RF components available for same-day shipping. Our BMMA female connector operates up to a maximum frequency of 22 GHz and offers good VSWR of 1.35:1.

Our BMMA female connector PE5136 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			1.35:1	
Insertion Loss			0.562	dB
Impedance		50		Ohms

Mechanical Specifications

Size

Length	0.711 in [18.06 mm]
Width	0.3 in [7.62 mm]
Height	0.3 in [7.62 mm]
Weight	0.005 lbs [2.27 g]
Mating Cycles	500 Cycles

Material Specifications

Description	Material	Plating
Contact	Beryllium Copper	Gold
Insulation	PTFE	
Outer Conductor	Beryllium Copper	Gold
Body	Stainless Steel	Gold

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PE5136

Environmental Specifications

Temperature

Operating Range	-65 to +165 deg C

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

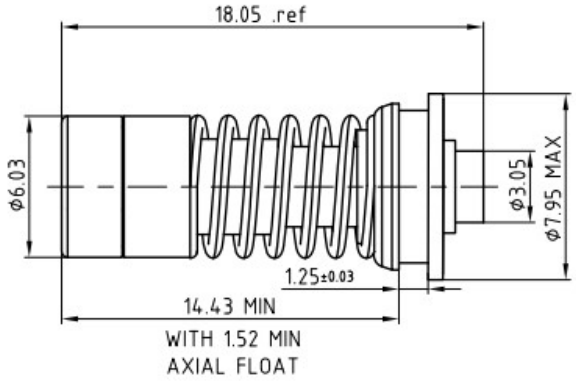
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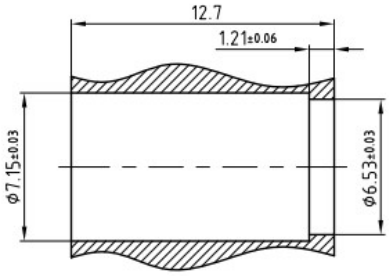
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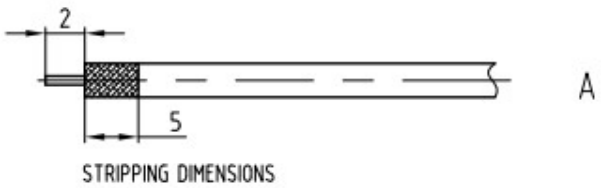


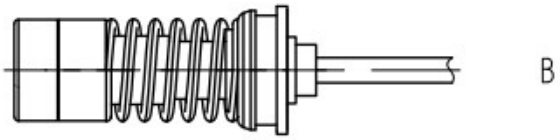
PE5136

Assembly Instruction









ASSEMBLY PROCEDURES

1. STRIP CABLE AS SHOWN IN (A). DO NOT NICK INNER CONDUCTOR.
2. PRE-TIN CABLE JACKET TO APPROXIMATE DIMENSION AS SHOWN IN (A).
3. INSERT CABLE THRU ADAPTER UNTIL IT BOTTOMS. SOLDER

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BMMA Female Connector Solder Attachment Snap in Mount for PE-SR405AL, PE-SR405FL, PE-SR405FLJ, RG405, RG405 Tinned, .085 Cable



PE5136

BMMA Female Connector Solder Attachment Snap in Mount for PE-SR405AL, PE-SR405FL, PE-SR405FLJ, RG405, RG405 Tinned, .085 Cable 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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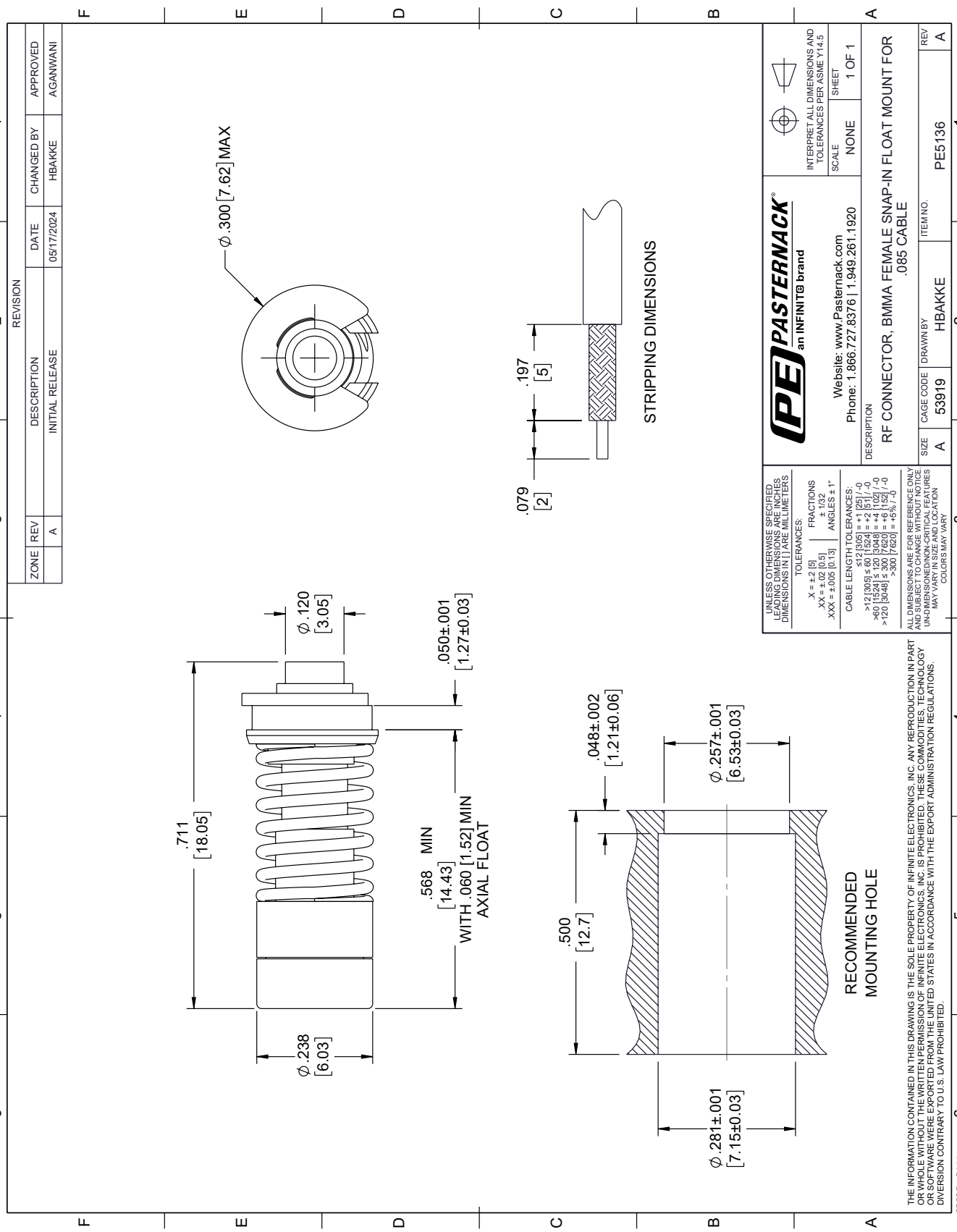
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PE5136 CAD Drawing

BMMA Female Connector Solder Attachment Snap in Mount for PE-SR405AL, PE-SR405FL, PE-SR405FLJ, RG405, RG405 Tinned, .085 Cable



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PE5136

Configuration

- BMMA Female Connector
- 50 Ohms
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- Connector Interface Types: PE-SR405AL, PE-SR405FL, PE-SR405FLJ, RG405, RG405 Tinned, .085 Cable
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Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		22	GHz
VSWR			1.35:1	
Insertion Loss			0.562	dB
Impedance		50		Ohms

Mechanical Specifications

Size

Length	0.711 in [18.06 mm]
Width	0.3 in [7.62 mm]
Height	0.3 in [7.62 mm]
Weight	0.005 lbs [2.27 g]
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Description	Material	Plating
Contact	Beryllium Copper	Gold
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PE5136

Environmental Specifications

Temperature

Operating Range	-65 to +165 deg C

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

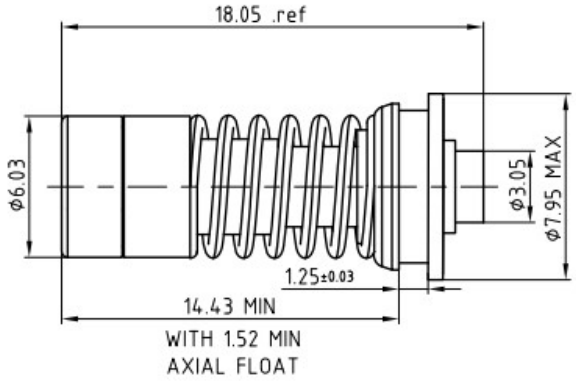
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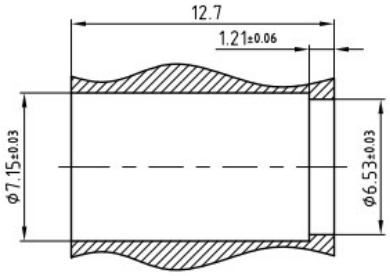
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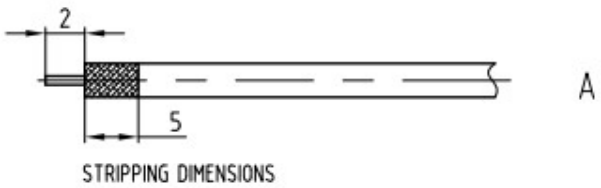


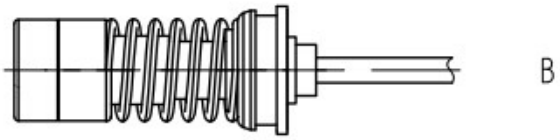
PE5136

Assembly Instruction









ASSEMBLY PROCEDURES

1. STRIP CABLE AS SHOWN IN (A). DO NOT NICK INNER CONDUCTOR.
2. PRE-TIN CABLE JACKET TO APPROXIMATE DIMENSION AS SHOWN IN (A).
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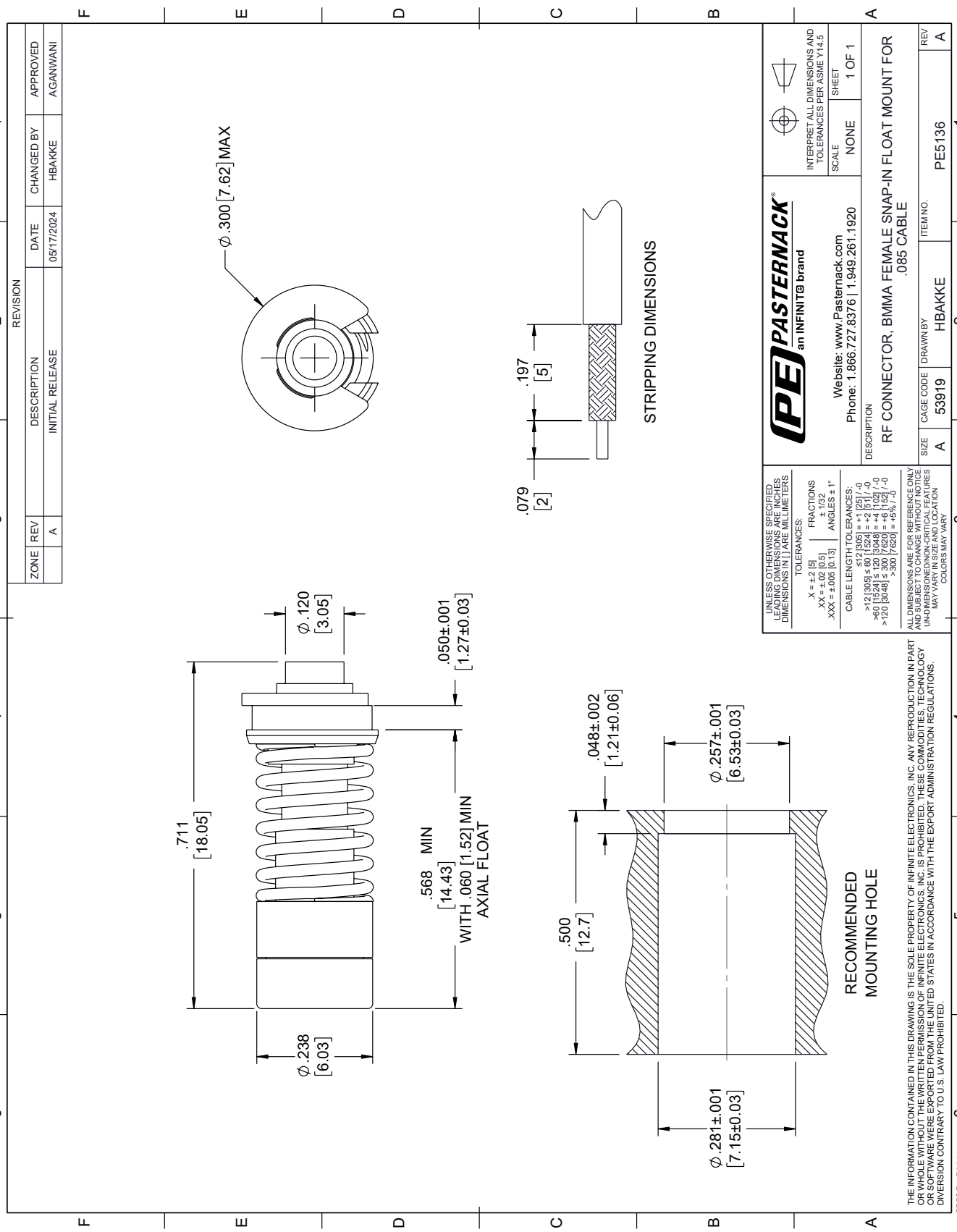
URL: https://www.pasternack.com/bmma-female-.085-cable-connector-pe5136-p.aspx

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PE5136 CAD Drawing

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PASTERNACK
an INFINITE brand

086 Semi-rigid Coax Cable with Tinned Aluminum Outer Conductor

RF Cables
Technical Data Sheet

PE-SR405AL

Configuration

- Semi-Rigid Cable
- 1 Shield(s)

Features

- Tinned Aluminum Outer Conductor
- Max Frequency 40 GHz

Applications

- Test and Measurement
- Communication Systems
- Wireless Systems
- Medical Equipment
- RADAR
- Low Loss Applications
- Field Installations

Description

Semi-rigid coaxial cable provides the highest electrical performance including low loss and high RF shielding effectiveness, which is why it is the cable type of choice for many RF and microwave engineers. Pasternack's PE-SR405AL is a .086 semi-rigid coax cable constructed with silver plated copper clad steel inner conductor, solid PTFE dielectric and tinned aluminum outer conductor. This .086 semi-rigid cable has a maximum operating frequency of 40 GHz and is designed as a superior alternative to the standard RG-405 cable. Semi-rigid cable is used in a wide variety of applications including when higher operating frequency or precision performance is required. PE-SR405AL .086 semi-rigid coaxial cable datasheet specifications and outline drawing are shown in the PDF below.

Pasternack carries a wide range of cables ready to ship same day to fit your needs. They are available in corrugated, flexible, formable or semi-rigid versions with different constructions of conductor materials, dielectric materials, shielding configurations and jacket materials. Our cables are designed to fit a wide range of performance criteria including attenuation, operating temperature, environmental factor, and power capability.

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		40	GHz
Impedance		50		Ohms
Dielectric Withstanding Voltage (AC)			5,000	Vrms

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 Tinned Aluminum Outer Conductor PE-SR405AL

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086 Semi-rigid Coax Cable with Tinned Aluminum Outer Conductor

RF Cables
Technical Data Sheet

PE-SR405AL

Performance by Frequency Band

Description	F1	F2	F3	F4	F5	Units
Frequency	1	10	20			GHz
Attenuation, Max	23	81	131			dB/100ft
	75.46	265.75	429.79			dB/100m
Input Power (CW), Max	130	35	20			Watts

Mechanical Specifications

Min. Bend Radius (Installation) 0.05 in [1.27 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	0.066 in [1.68 mm]
Outer Conductor	Tinned Aluminum	0.086 in [2.18 mm]

Environmental Specifications

Temperature

Operating Range -55 to +125 deg C

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 Tinned Aluminum Outer Conductor PE-SR405AL

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086 Semi-rigid Coax Cable with Tinned Aluminum Outer Conductor

RF Cables
Technical Data Sheet

PE-SR405AL

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

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URL: https://www.pasternack.com/semirigid-0.085-50-ohm-coax-cable-tinned-aluminum-pe-sr405al-p.aspx

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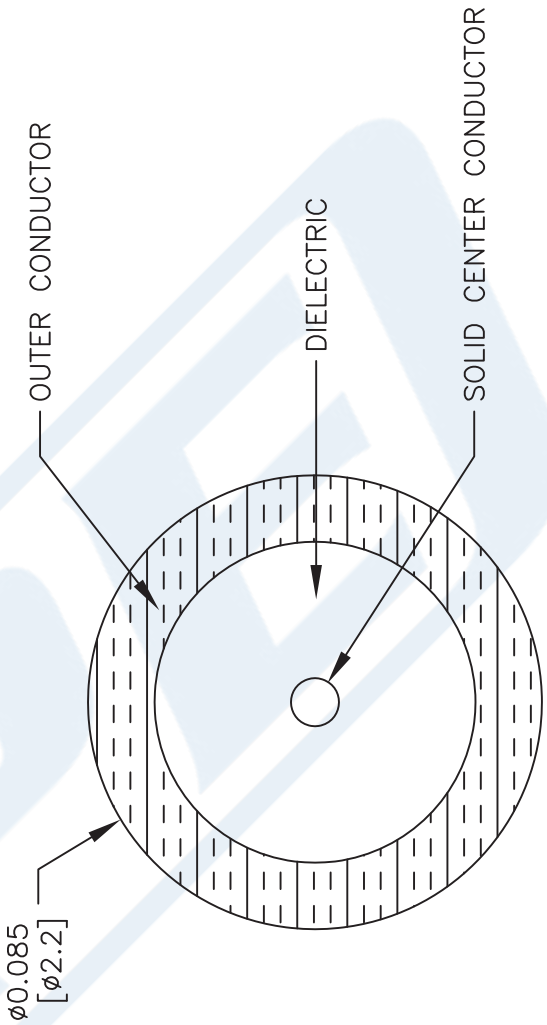
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PE-SR405AL CAD Drawing

086 Semi-rigid Coax Cable with Tinned Aluminum Outer Conductor





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].

DWG TITLE
PE-SR405AL

CAD FILE 111716 | SCALE N/A | SIZE A | 41742

FSCM NO. 53919

PASTERNACK
THE ENGINEER'S RF SOURCE
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