



4.3-10 Female Low PIM Connector Solder Attachment 4 Hole Flange Mount for RG402, PE-SR402AL, PE-SR402FL, PE-SR402FLJ, IP67 Rated

RF Connectors Technical Data Sheet

PE45304

Configuration

- 4.3-10 Female Connector
- Straight Body Geometry
- RG402, PE-SR402AL, PE-SR402FL, PE-SR402FLJ Interface Type
- Solder/Solder Attachment
- 4 Hole Flange
- Low PIM Design

Features

- Max. Operating Frequency 6 GHz
- Excellent VSWR of 1.08:1
- PIM levels lower than -166 dBc
- Silver Plated Brass Contact
- IP 67 Rated
- Low Coupling Torque
- Corrosion Resistant Tri-Metal Finish
- Low-PIM rating of -166 dBc

Applications

- General Purpose Test
- Rack and Panel Mount Applications
- Wireless Communications
- Custom Cable Assemblies
- Low PIM Applications
- Mobile Communications Systems
- Base Stations
- Distributed Antenna Systems (DAS)
- Small Cells
- Feeder Cables

Description

Pasternack's PE45304 4.3-10 female 4 hole flange mount connector with solder/solder attachment for RG402, PE-SR402AL, PE-SR402FL and PE-SR402FLJ is part of our full line of RF components available for same-day shipping. Our 4.3-10 female connector operates up to a maximum frequency of 6 GHz and offers excellent VSWR of 1.08:1. The 4.3-10 female connector also has low passive intermodulation of -166 dBc. This 4.3-10 4 hole flange 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. The connector has an IP67 rating to protect against dust and temporary moisture protection under immersion conditions.

Our 4.3-10 female 4 hole flange connector PE45304 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		6	GHz
VSWR			1.08:1	
Insertion Loss			0.13	dB
Passive Intermodulation		-166		dBc
Operating Voltage (AC)			500	Vrms
Dielectric Withstanding Voltage (AC)			1,500	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: [4.3-10 Female Low PIM Connector Solder Attachment 4 Hole Flange Mount for RG402, PE-SR402AL, PE-SR402FL, PE-SR402FLJ, IP67 Rated PE45304](#)



4.3-10 Female Low PIM Connector Solder Attachment
4 Hole Flange Mount for RG402, PE-SR402AL,
PE-SR402FL, PE-SR402FLJ, IP67 Rated

RF Connectors Technical Data Sheet

PE45304

Mechanical Specifications

Size

Length	1 in [25.4 mm]
Width/Dia.	1 in [25.40 mm]
Height	0.95 in [24.13 mm]
Weight	0.081 lbs [36.74 g]
Mating Cycles	100 Cycles

Material Specifications

Description	Material	Plating
Contact	Brass	Silver
Insulation	PTFE	
Outer Conductor	Brass	Tri-Metal
Body	Brass	Tri-Metal
Gasket	Silicone Rubber	

Environmental Specifications

Temperature

Operating Range	-55 to +90 deg C
Ingress Protection (IP) Rating	IP 67 Rated

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4.3-10 Female Low PIM Connector Solder Attachment 4 Hole Flange Mount for RG402, PE-SR402AL, PE-SR402FL, PE-SR402FLJ, IP67 Rated

RF Connectors Technical Data Sheet

PE45304

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

Plotted and Other Data

Notes:

4.3-10 Female Low PIM Connector Solder Attachment 4 Hole Flange Mount for RG402, PE-SR402AL, PE-SR402FL, PE-SR402FLJ, IP67 Rated 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.

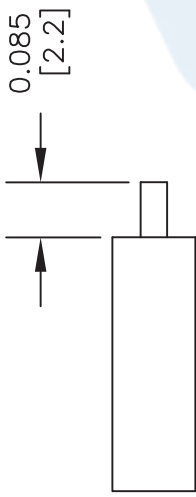
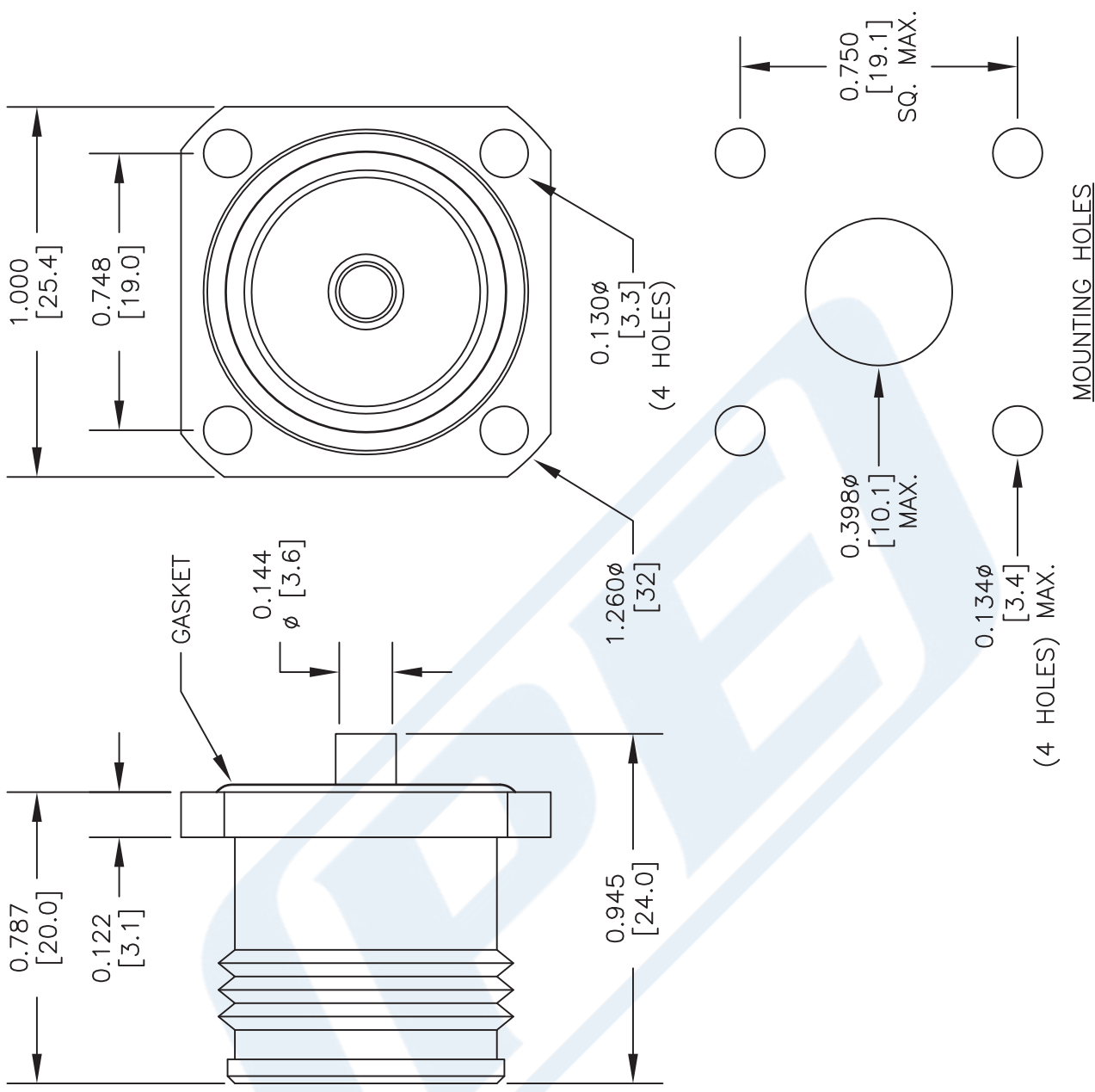
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URL: <https://www.pasternack.com/4.3-10-female-rg402-pe-sr402al-pe-sr402fl-pe-sr402flj-connector-pe45304-p.aspx>

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PE45304 CAD Drawing

4.3-10 Female Low PIM Connector Solder Attachment 4 Hole Flange Mount
for RG402, PE-SR402AL, PE-SR402FL, PE-SR402FLJ, IP67 Rated



STRIPPING DIMENSIONS

ASSEMBLY PROCEDURES

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

STANDARD TOLERANCES	
.X	±0.2
.XX	±0.1
.XXX	±0.05

*STANDARD TOLERANCES APPLY ONLY TO DIMENSIONS IN INCHES

PE PASTERNAK®
THE ENGINEER'S RF SOURCE
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DWG TITLE
PE45304
CAGE CODE 53919

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].

CAD FILE	111716	SCALE	N/A	SIZE	A	2233
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4.3-10 Female Low PIM Connector Solder Attachment 4 Hole Flange Mount for RG402, PE-SR402AL, PE-SR402FL, PE-SR402FLJ, IP67 Rated

RF Connectors Technical Data Sheet

PE45304

Configuration

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Features

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Description

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Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		6	GHz
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Passive Intermodulation		-166		dBc
Operating Voltage (AC)			500	Vrms
Dielectric Withstanding Voltage (AC)			1,500	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: [4.3-10 Female Low PIM Connector Solder Attachment 4 Hole Flange Mount for RG402, PE-SR402AL, PE-SR402FL, PE-SR402FLJ, IP67 Rated PE45304](#)



4.3-10 Female Low PIM Connector Solder Attachment
4 Hole Flange Mount for RG402, PE-SR402AL,
PE-SR402FL, PE-SR402FLJ, IP67 Rated

RF Connectors Technical Data Sheet

PE45304

Mechanical Specifications

Size

Length	1 in [25.4 mm]
Width/Dia.	1 in [25.40 mm]
Height	0.95 in [24.13 mm]
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Material Specifications

Description	Material	Plating
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Insulation	PTFE	
Outer Conductor	Brass	Tri-Metal
Body	Brass	Tri-Metal
Gasket	Silicone Rubber	

Environmental Specifications

Temperature

Operating Range	-55 to +90 deg C
Ingress Protection (IP) Rating	IP 67 Rated

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [4.3-10 Female Low PIM Connector Solder Attachment 4 Hole Flange Mount for RG402, PE-SR402AL, PE-SR402FL, PE-SR402FLJ, IP67 Rated PE45304](#)



4.3-10 Female Low PIM Connector Solder Attachment
4 Hole Flange Mount for RG402, PE-SR402AL,
PE-SR402FL, PE-SR402FLJ, IP67 Rated

RF Connectors Technical Data Sheet

PE45304

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

Plotted and Other Data

Notes:

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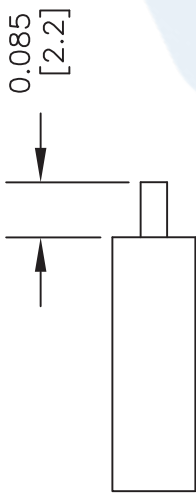
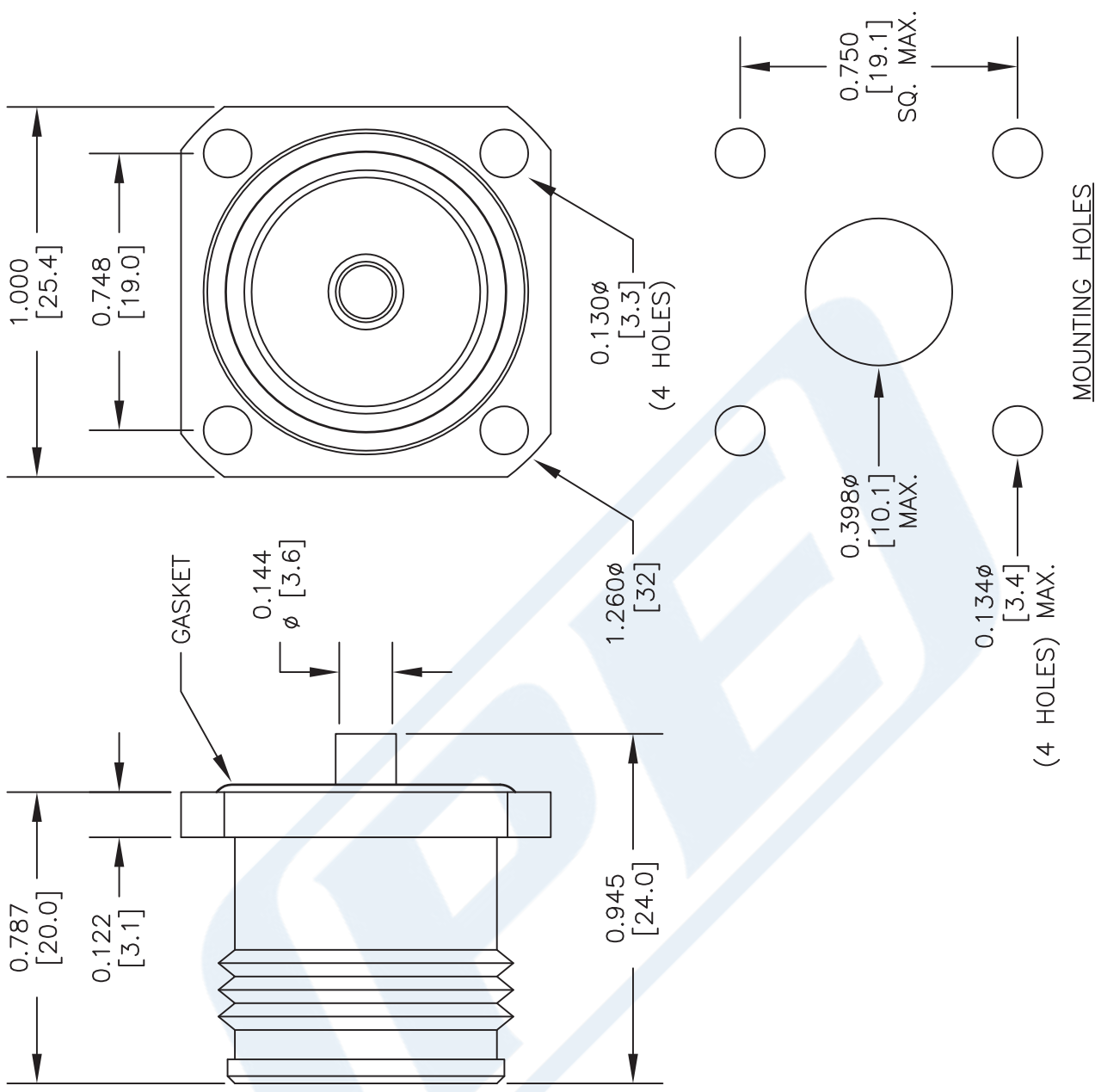
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URL: <https://www.pasternack.com/4.3-10-female-rg402-pe-sr402al-pe-sr402fl-pe-sr402flj-connector-pe45304-p.aspx>

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PE45304 CAD Drawing

4.3-10 Female Low PIM Connector Solder Attachment 4 Hole Flange Mount
for RG402, PE-SR402AL, PE-SR402FL, PE-SR402FLJ, IP67 Rated



STRIPPING DIMENSIONS

ASSEMBLY PROCEDURES

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

STANDARD TOLERANCES

- .X ±0.2
- .XX ±0.1
- .XXX ±0.05

*STANDARD TOLERANCES APPLY ONLY TO DIMENSIONS IN INCHES

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CAGE CODE 53919

CAD FILE 111716

SCALE N/A

SIZE A

2233



0.141 Semi Rigid Non-Magnetic Cable with Silver Plated Copper Conductor

RF Cables Technical Data Sheet

PE-SR141-NM

Configuration

- Non-Magnetic Semi-Rigid Cable
- 1 Shield(s)

Features

- Max Frequency 34 GHz
- Magnetic Susceptibility 10^{-5}

Applications

- General Purpose Test
- Medical
- Quantum Computing
- Custom Cable Assemblies
- Military and Aerospace

Description

Pasternack's 0.141 semi-rigid non-magnetic cable uses series coaxial is available for same-day shipping from our facility. PE-SR141-NM cables from Pasternack are great choices for solutions requiring high quality and rapid shipping. Our non-magnetic RF cable has a 50 Ohm impedance and is rated for a 34 GHz maximum operating frequency. This high-quality cable is part of a large selection of in-stock, commercial-off-the-shelf, and custom-built coaxial cable assemblies for RF and microwave that all ship the same business day as they are ordered.

These semi-rigid RF cable assemblies are built with RF shielding of 165 dB and have a cable weight of 0.0183 lbs/ft. Our RF coaxial cable has a 0.036-inch SPC (silver-plated copper) conductor and a bending moment of 0.250 lbs-ft. The coaxial RF cable has a maximum attenuation of 82.8 dB/100ft and a maximum power of 70 Watts at a frequency of 26.5 GHz.

The technical performance specifications of this 34 GHz cable are located on the PE-SR141-NM datasheet PDF, along with a CAD drawing and dimensions. Our non-magnetic RF cable has a PTFE dielectric type. This RF non-magnetic cable has a copper outer conductor and a maximum operating temperature of 125 deg C. The Pasternack 0.141 semi-rigid RF cable assembly data sheet with specs and drawing dimensions can be found on this product page just above.

0.141 semi-rigid non-magnetic cable is one of a large selection of in-stock RF products available. Pasternack not only has this off-the-shelf but also custom versions of our cable assemblies are available for same-day shipping, we have thousands of other products that have same day shipping. Our expert technical support and knowledgeable sales teams are ready to help and answer your RF coaxial cable assembly questions.

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		34	GHz
Impedance		50		Ohms
Velocity of Propagation		69.5		%
Shielding Effectiveness	165			dB
Operating 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: [0.141 Semi Rigid Non-magnetic Cable with Silver Plated Copper Conductor PE-SR141-NM](#)



0.141 Semi Rigid Non-Magnetic Cable with Silver Plated Copper Conductor

RF Cables Technical Data Sheet

PE-SR141-NM

Performance by Frequency Band

Description	F1	F2	F3	F4	F5	Units
Frequency	0.5	1	5	10	18	GHz
Attenuation, Typ	7.6	11.1	28.1	43.4	63.6	dB/100ft
	24.93	36.42	92.19	142.39	208.66	dB/100m
Input Power (CW), Max	600	450	180	120	73	Watts

Description	F6	F7	F8	F9	F10	Units
Frequency	26.5					GHz
Attenuation, Typ	82.8					dB/100ft
	271.65					dB/100m
Input Power (CW), Max	70					Watts

Mechanical Specifications

Min. Bend Radius (Repeated) 0.25 in [6.35 mm]

Construction Specifications

Description	Material and Plating	Diameter
Inner Conductor	Silver Plated Copper, 1 Strand	0.036 in [0.91 mm]
Conductor Type	Solid	
Dielectric	PTFE	0.118 in [3 mm]
	PTFE	
Outer Conductor	Copper 100% coverage	0 in [0 mm]
Jacket	Copper	[]

Environmental Specifications

Temperature

Operating Range -55 to +125 deg C
Storage 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: [0.141 Semi Rigid Non-magnetic Cable with Silver Plated Copper Conductor PE-SR141-NM](#)



0.141 Semi Rigid Non-Magnetic Cable with Silver Plated Copper Conductor

RF Cables Technical Data Sheet

PE-SR141-NM

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

Plotted and Other Data

Notes:

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URL: <https://www.pasternack.com/non-magnetic-semirigid-pe-sr141-nm-coax-cable-copper-pe-sr141-nm-p.aspx>

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PE-SR141-NM CAD Drawing

0.141 Semi Rigid Non-Magnetic Cable with Silver Plated Copper Conductor

F

E

D

C

B

A

F

E

D

C

B

A

1

2

3

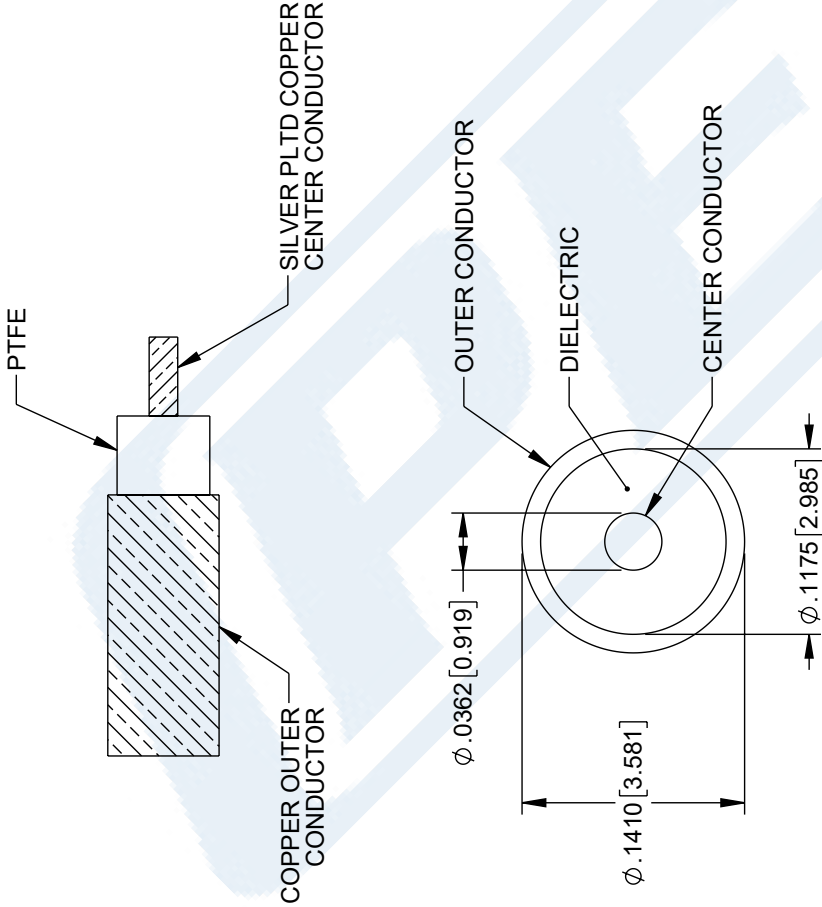
4

5

6

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REVISION			
ZONE	REV	DESCRIPTION	DATE
	A	INITIAL RELEASE	08/01/2023
CHANGED BY			AGANWANI



<div> PASTERNAK[®] an INFINITIØ brand</div>		<div></div>		INTERPRET ALL DIMENSIONS AND TOLERANCES PER ASME Y14.5	
UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE IN INCHES DIMENSIONS IN [] ARE MILLIMETERS		TOLERANCES:		SCALE	SHEET
		.X = ±.2 [5] XX = ±.02 [0.5] XXX = ±.005 [0.13]		NONE	1 OF 1
		FRACTIONS ± 1/32 ANGLES ± 1°			
		CABLE LENGTH TOLERANCES:			
		≤12 [305] = +.1 [25] / -0 >12 [305] ≤ 60 [1524] = +.2 [51] / -0 >60 [1524] ≤ 120 [3048] = +.4 [102] / -0 >120 [3048] ≤ 300 [7620] = +.5 [12.7] / -0 >300 [7620] = +.5 [12.7] / -0			
ALL DIMENSIONS ARE FOR REFERENCE ONLY AND SUBJECT TO CHANGE WITHOUT NOTICE. UN-DIMENSIONED NON-CRITICAL FEATURES MAY VARY IN SIZE AND LOCATION COLORS MAY VARY		DESCRIPTION			
		.141 DIA COAX CABLE, SEMI-RIGID, COPPER OUTER CONDUCTOR, NON-MAGNETIC			
SIZE	CAGE CODE	DRAWN BY	ITEM NO.	REV	
A	53919	DZINN	PE-SR141-NM	A	

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