



3/4 inch-20 Twinax Female Connector Clamp/ Solder Attachment for PE-S330

RF Connectors Technical Data Sheet

PE4346

Configuration

- 3/4"-20 Twinax Female Connector
- 95 Ohms
- Straight Body Geometry
- PE-S330 Interface Type
- Clamp/Solder Attachment

Features

- Gold Plated Brass Contact
- 30 μ m minimum contact plating

Applications

- General Purpose Test
- Custom Cable Assemblies

Description

Pasternack's PE4346 3/4 inch-20 Twinax female connector clamp/solder attachment for PE-S330 is part of our full line of RF components available for same-day shipping.

Our 95 ohm 3/4 inch-20 Twinax female connector PE4346 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 connector assemblies for you and ship same-day.

Mechanical Specifications

Size

Length	1.65 in [41.91 mm]
Width/Dia.	0.75 in [19.05 mm]
Weight	0.123 lbs [55.79 g]

Material Specifications

Description	Material	Plating
Contact	Brass	Gold 30 μ m minimum
Insulation	PTFE	
Body	Brass	Nickel 100 μ m minimum

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [3/4 inch-20 Twinax Female Connector Clamp/Solder Attachment for PE-S330 PE4346](#)



3/4 inch-20 Twinax Female Connector Clamp/ Solder Attachment for PE-S330

RF Connectors Technical Data Sheet

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

Plotted and Other Data

Notes:

3/4 inch-20 Twinax Female Connector Clamp/Solder Attachment for PE-S330 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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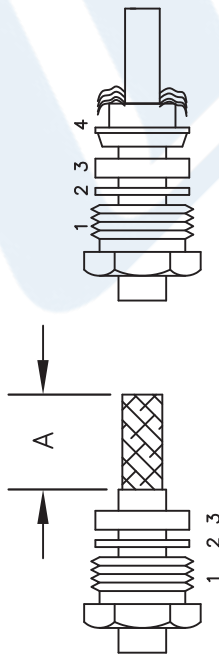
URL: <https://www.pasternack.com/3-4-inch-20-female-standard-pe-s330-connector-pe4346-p.aspx>

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ASSEMBLY PROCEDURES

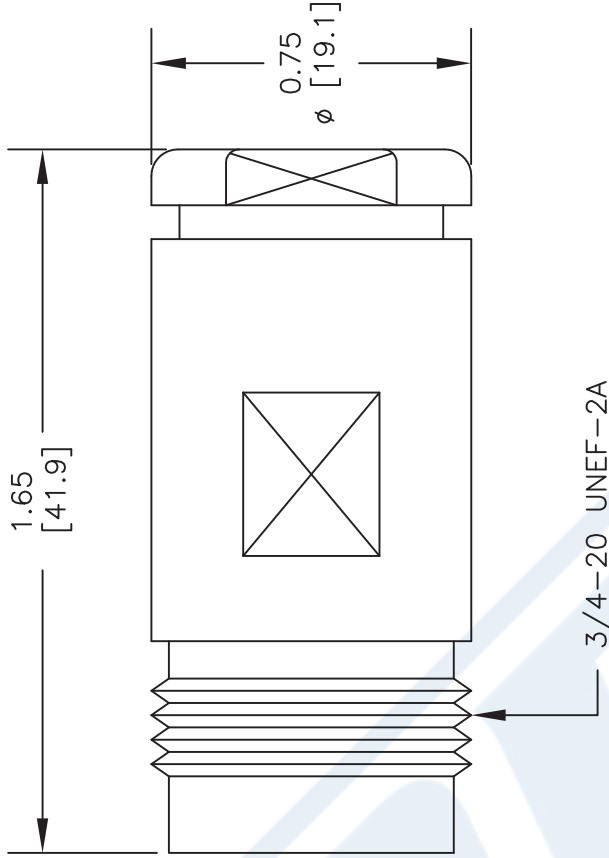
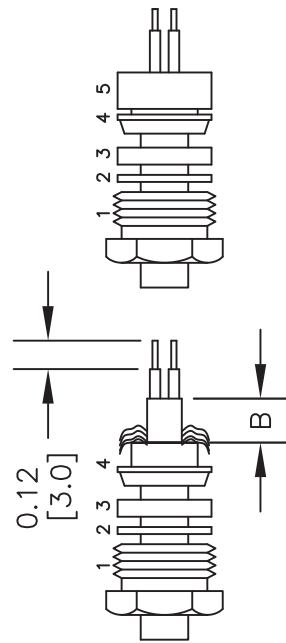
1. SLIDE CLAMP NUT (1), WASHER (2) & GASKET (3) OVER CABLE. STRIP CABLE AS SHOWN IN A. DO NOT NICK THE BRAID OR INNER CONDUCTORS. TAPER END OF BRAID TO PERMIT ASSEMBLY OF THE BRAID CLAMP (4). SLIDE BRAID CLAMP (4) OVER BRAID & BUTT INNER SHOULDER AGAINST JACKET. FORM BRAID OVER BRAID CLAMP (4). TRIM BRAID FLUSH WITH SHOULDER.

A = .500



2. STRIP CABLE AS SHOWN IN B. SLIDE BUSHING (5) OVER DIELECTRIC & SEAT FIRMLY AGAINST BRAID. SOLDER CONTACTS TO CENTER CONDUCTORS. REMOVE ANY EXCESS SOLDER. PUSH OUT INSULATOR FROM BODY. SPREAD OUT CONTACTS. SLIDE INSULATOR OVER CONTACTS. LINE THE KEY WAY UP WITH THE PIN IN THE BODY & INSERT THE ENTIRE ASSEMBLY INTO BODY & TIGHTEN.

B = .100



DWG TITLE

PE4346

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1. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE NOMINAL.
 2. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME.
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 4. FITS MIL-C-17 AND EQUIVALENT CABLES.

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Website: www.pasternack.com | E-Mail: sales@pasternack.com

FSCM NO. 53919

CAD FILE 050802

SCALE N/A

SIZE A

2233



3/4 inch-20 Twinax Female Connector Clamp/ Solder Attachment for PE-S330

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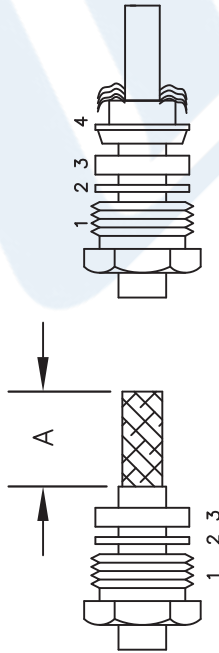
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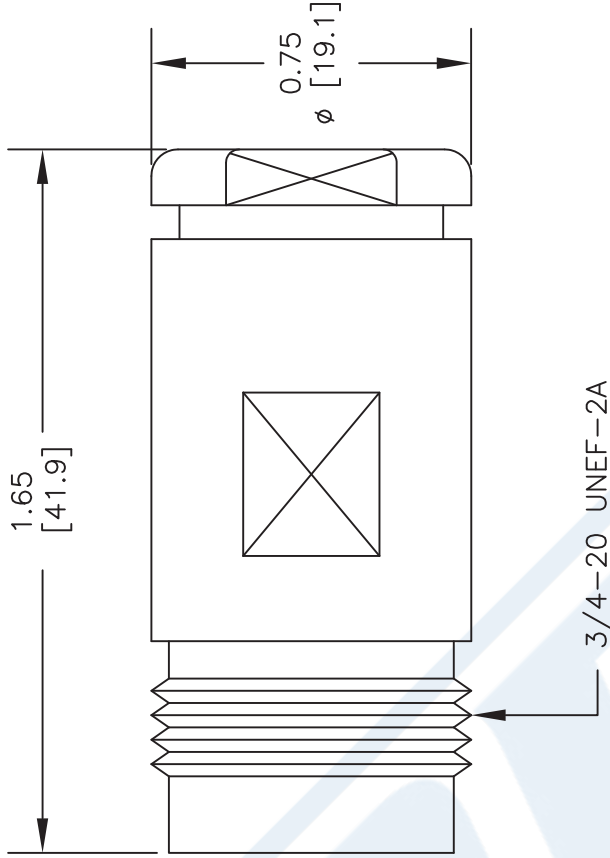
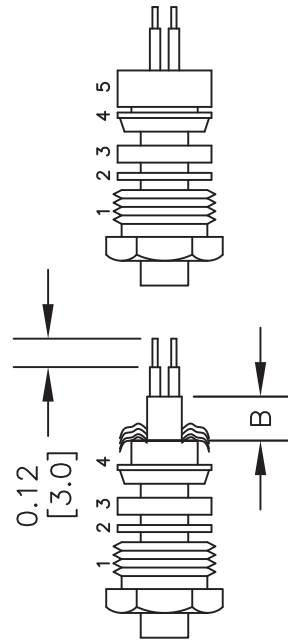
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FSCM NO. 53919

CAD FILE 050802

SCALE N/A

SIZE A

2233



100 Ohm Flexible PE-S330 Twinax Cable Double Shielded with Black PVC Jacket

RF Cables Technical Data Sheet

PE-S330

Configuration

- Flexible Cable
- 2 Shield(s)

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		400	MHz
Impedance		100		Ohms
Operating Voltage (AC)			300	Vrms
Nominal Capacitance		15.5 [50.85]		pF/ft [pF/m]

Performance by Frequency Band

Description	F1	F2	F3	F4	F5	Units
Frequency	10	100	400			MHz
Attenuation, Typ	1.2	4.1	10.2			dB/100ft
	3.94	13.45	33.46			dB/100m

Mechanical Specifications

Diameter	0.33 in [8.38 mm]
Weight	0.075 lbs/ft [0.11 Kg/m]

Construction Specifications

Description	Material and Plating	Diameter
Inner Conductor	Copper, Tin, 7 Strands	0.037 in [0.94 mm]
Conductor Type	Stranded	
Dielectric	PE	0.236 in [5.99 mm]
First Shield	Aluminum Tape	
Second Shield	Tinned Copper Braid	

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [100 Ohm Flexible PE-S330 Twinax Cable Double Shielded with Black PVC Jacket PE-S330](#)



100 Ohm Flexible PE-S330 Twinax Cable Double Shielded with Black PVC Jacket

RF Cables Technical Data Sheet

PE-S330

Jacket	PVC, Black	0.33 in [8.38 mm]
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Environmental Specifications

Temperature

Operating Range

-30 to +75 deg C

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

Plotted and Other Data

Notes:

100 Ohm Flexible PE-S330 Twinax Cable Double Shielded with Black PVC 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.

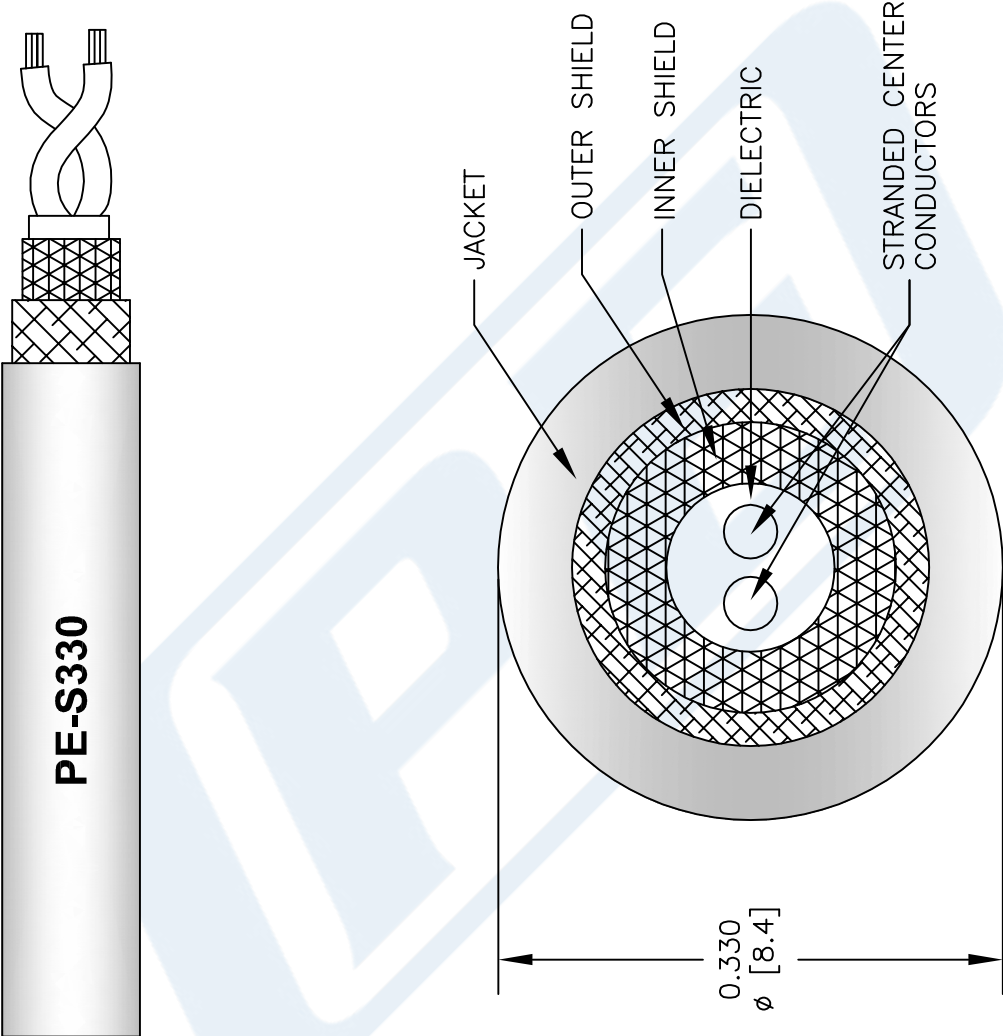
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URL: <https://www.pasternack.com/flexible-0.330-100-ohm-twinax-cable-pvc-jacket-pe-s330-p.aspx>

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PE-S330 CAD Drawing

100 Ohm Flexible PE-S330 Twinax Cable Double Shielded with Black PVC Jacket



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DWG TITLE
PE-S330

FSCM NO. 53919

CAD FILE 040113-A

SCALE N/A

SIZE A

127

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