



BNC Twinax Plug Connector Clamp/Solder Attachment for RG108, 78 Ohm Twinax

RF Connectors Technical Data Sheet

PE4236

Configuration

- BNC Twinax Plug Connector
- MIL-STD-348
- 78 Ohms
- Straight Body Geometry
- RG108, 78 Ohm Twinax Interface Type
- Clamp/Solder Attachment

Features

- Silver Plated Contact
- Contact plating according to QQ-S-365

Applications

- General Purpose Test
- Custom Cable Assemblies

Description

Pasternack's PE4236 78 ohm BNC Twinax plug connector with clamp/solder attachment for RG108 and 78 Ohm Twinax is part of our full line of RF components available for same-day shipping.

Our 78 ohm BNC Twinax plug connector PE4236 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
Operating Voltage (AC)			500	Vrms
Insulation Resistance	5,000			MOhms

Mechanical Specifications

Size	
Length	1.1 in [27.94 mm]
Width/Dia.	0.57 in [14.48 mm]
Weight	0.039 lbs [17.69 g]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [BNC Twinax Plug Connector Clamp/Solder Attachment for RG108, 78 Ohm Twinax PE4236](#)



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Material Specifications

Description	Material	Plating
Contact		Silver QQ-S-365
Insulation	PTFE	
Body	Brass	Nickel QQ-N-290
Coupling Nut	Brass	Nickel QQ-N-290

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

Plotted and Other Data

Notes:

BNC Twinax Plug Connector Clamp/Solder Attachment for RG108, 78 Ohm Twinax 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/bnc-twinax-plug-standard-rg108-78-ohm-twinax-connector-pe4236-p.aspx>

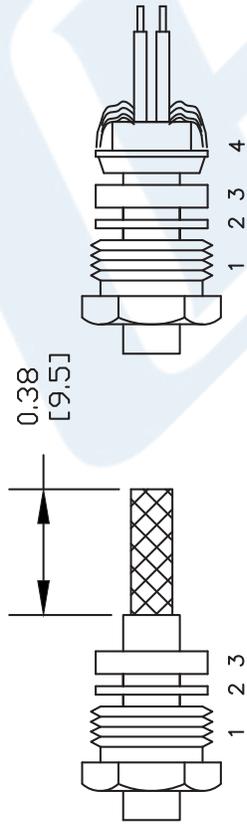
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PE4236 CAD Drawing

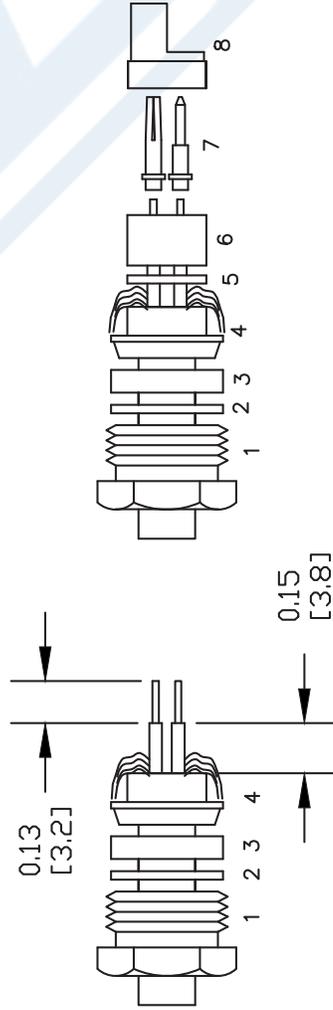
BNC Twinax Plug Connector Clamp/Solder Attachment for RG108, 78 Ohm Twinax

ASSEMBLY PROCEDURES

1. SLIDE CLAMP NUT (1), WASHER (2) & GASKET (3) OVER CABLE. STRIP CABLE TO DIMENSION SHOWN. DO NOT NICK BRAID & DIELECTRIC. COMB OUT BRAID. TAPER END OF BRAID TO PERMIT ASSEMBLY OF BRAID CLAMP (4) . SLIDE BRAID CLAMP (4) OVER BRAID & BUTT AGAINST JACKET. FORM BRAID OVER CLAMP NUT (4). TRIM BRAID FLUSH WITH SHOULDER OF BRAID CLAMP (4).



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* WHEN SOLDERING CONTACTS MAKE SURE SAME SEX IS ON BOTH ENDS OF WIRE IDENTIFIED BY THE BARE COPPER WIRE.



Pasternack Enterprises, Inc.
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 Website: www.pasternack.com | E-Mail: sales@pasternack.com

DWG TITLE

PE4236

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REV. -

FSCM NO. 53919

CAD FILE 123005

SCALE N/A

SIZE A

127



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Plotted and Other Data

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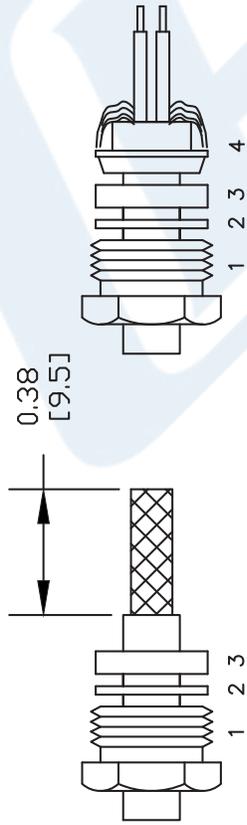
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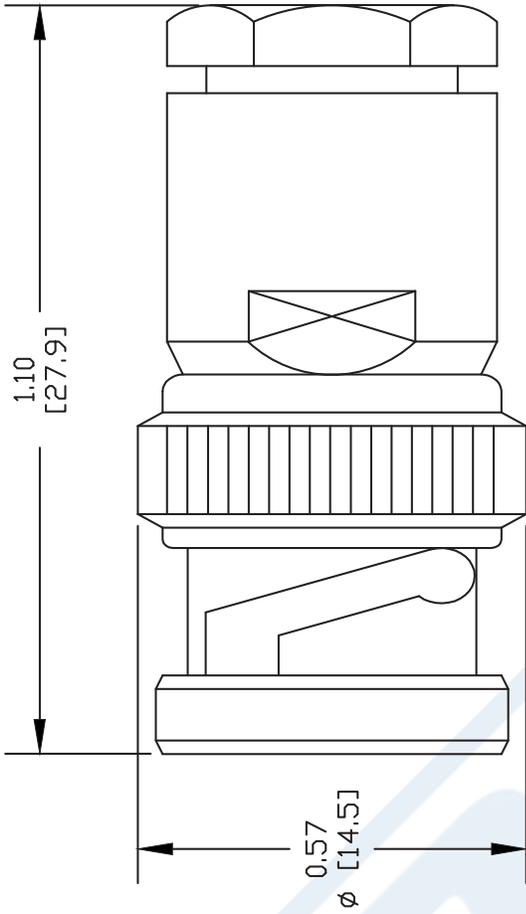
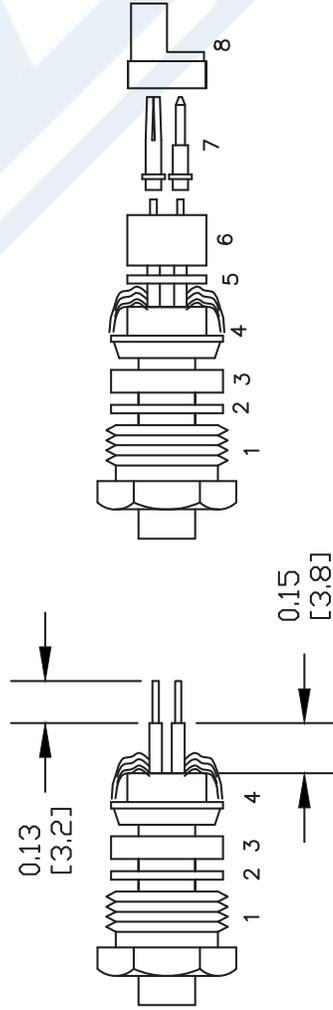
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REV. -

FSCM NO. 53919

CAD FILE 123005

SCALE N/A

SIZE A

127



78 Ohm Flexible RG108 Twinax Cable Single Shielded with Black PVC Jacket

RF Cables Technical Data Sheet

RG108A/U

Configuration

- Flexible Cable
- 1 Shield(s)

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		1,000	MHz
Impedance		78 ±7		Ohms
Velocity of Propagation		66		%
Nominal Capacitance		19.7 [64.63]		pF/ft [pF/m]

Performance by Frequency Band

Description	F1	F2	F3	F4	F5	Units
Frequency	10	100	200	400	700	MHz
Attenuation, Typ	2.3	7.5	11.3	16.2	22	dB/100ft dB/100m
	7.55	24.61	37.07	53.15	72.18	

Description	F6	F7	F8	F9	F10	Units
Frequency	900	1,000				MHz
Attenuation, Typ	25.3	26.2				dB/100ft dB/100m
	83.01	85.96				

Mechanical Specifications

Diameter	0.235 in [5.97 mm]
Weight	0.038 lbs/ft [0.06 Kg/m]

Construction Specifications

Description	Material and Plating	Diameter
Inner Conductor	Copper, Tin, 7 Strands	0.038 in [0.97 mm]
Conductor Type	Stranded	

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [78 Ohm Flexible RG108 Twinax Cable Single Shielded with Black PVC Jacket RG108A/U](#)



78 Ohm Flexible RG108 Twinax Cable Single
Shielded with Black PVC Jacket

RF Cables Technical Data Sheet

RG108A/U

Dielectric	PE	0.079 in [2.01 mm]
First Shield	Tinned Copper Braid	0.185 in [4.7 mm]
Jacket	PVC, Black	0.235 in [5.97 mm]

Environmental Specifications

Temperature

Operating Range

-40 to +80 deg C

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

Plotted and Other Data

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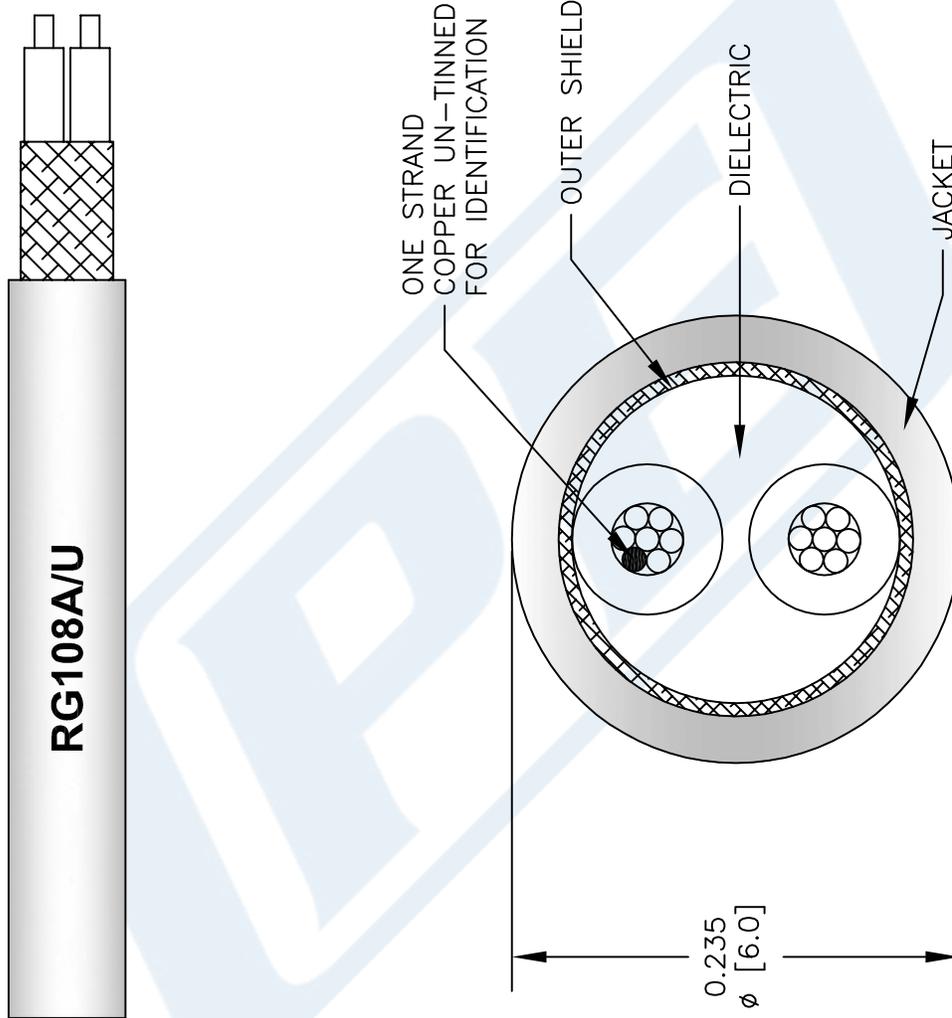
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URL: <https://www.pasternack.com/78-ohm-flexible-rg108au-pvc-jacket-tinned-copper-braid-outer-conductor-single-shielded-black-rg108a-u-p.aspx>

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RG108A/U CAD Drawing

78 Ohm Flexible RG108 Twinax Cable Single Shielded with Black PVC Jacket



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DWG TITLE
RG108A/U

REV. C FSCM NO. 53919 CAD FILE 100312-C SCALE N/A SIZE A 2233

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