


**SMB Jack Connector Crimp/Solder Attachment For RG178, RG196**
**TECHNICAL DATA SHEET**
**PE4926**
**SMB Jack Connector Crimp/Solder Attachment For RG178, RG196**
**Configuration**

Connector	SMB Jack
Connector Interface Type	RG178, RG196
Cable Attachment Method (Shield/Contact)	Crimp/Solder
Body Style	Straight

**Electrical Specifications**

Impedance, Ohms	50
-----------------	----

**Mechanical Specifications**

Size	
Length, in [mm]	1.015 [25.78]
Width/Dia., in [mm]	0.219 [5.56]
Weight, lbs [g]	0.006 [2.72]

**Connector**

Type	SMB Jack
Contact Material and Plating	Gold
Body Material and Plating	Brass, Nickel
Dielectric Type	PTFE

**Compliance Certifications** (visit [www.Pasternack.com](http://www.Pasternack.com) for current document)

RoHS Compliant	Yes
----------------	-----

**Plotted and Other Data**

Notes:	Values at 25 °C, sea level
--------	----------------------------

SMB Jack Connector Crimp/Solder Attachment For RG178, RG196 from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and fiber optic products maintain a 99% availability and are part of the broadest selection in the industry.

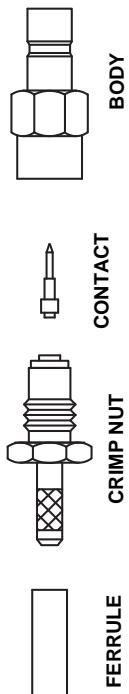
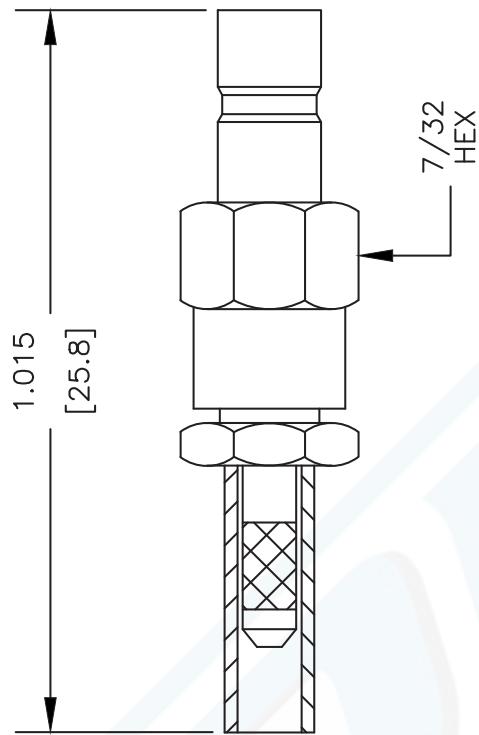
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [SMB Jack Connector Crimp/Solder Attachment For RG178, RG196 PE4926](http://www.pasternack.com/smb-jack-standard-rg178-rg196-connector-pe4926-p.aspx)

URL: <http://www.pasternack.com/smb-jack-standard-rg178-rg196-connector-pe4926-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.

# PE4926 CAD Drawing

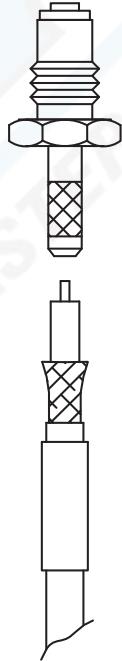
SMB Jack Connector Crimp/Solder Attachment For RG178, RG196



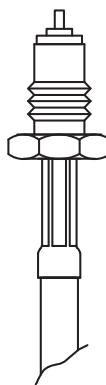
## STRIPPING DIMENSIONS

### ASSEMBLY PROCEDURES

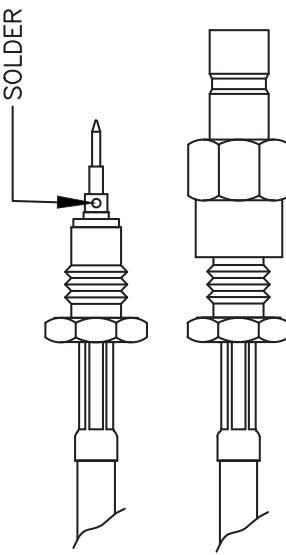
1. CRIMP NUT BETWEEN BRAID AND DIELECTRIC.



2. SLIDE FERRULE OVER BRAID AND CRIMP (.100" HEX CRIMP TOOL)



3. SOLDER CONTACT TO CENTER CONDUCTOR. SLIDE ASSEMBLY INTO BODY AND TIGHTEN.



**PE PASTERNACK**  
Pasternack Enterprises, Inc.  
P.O. Box 16759 | Irvine | CA | 92623  
Phone: (949) 261-1920 | Fax: (949) 261-7451  
Website: [www.pasternack.com](http://www.pasternack.com) | E-Mail: [sales@pasternack.com](mailto:sales@pasternack.com)

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).  
4. FITS MIL-C-17 AND EQUIVALENT CABLES.

DWG TITLE  
**PE4926**

FSCM NO. 53919

CAD FILE 121208

SCALE N/A

SIZE A



## BNC Female Connector Clamp/Solder Attachment For RG178, RG196

### RF Connectors Technical Data Sheet

**PE4389**

#### Configuration

- BNC Female Connector
- 50 Ohms
- Straight Body Geometry
- Connector Interface Types: RG178, RG196

#### Applications

- General Purpose Test
- Custom Cable Assemblies

#### Description

Pasternack's PE4389 BNC female connector with clamp/solder attachment for RG178 and RG196 is part of our full line of RF components available for same-day shipping.

Our BNC female connector PE4389 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.

#### Mechanical Specifications

##### Size

Length  
Width/Dia.

1.1 in [27.94 mm]

0.224 in [5.69 mm]

Weight

0.041 lbs [18.6 g]

##### Material Specifications

Description	Material	Plating
Body	Brass	Nickel

#### Environmental Specifications

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

#### Plotted and Other Data

Notes:

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [BNC Female Connector Clamp/Solder Attachment For RG178, RG196 PE4389](#)



## BNC Female Connector Clamp/Solder Attachment For RG178, RG196

### RF Connectors Technical Data Sheet

**PE4389**

BNC Female Connector Clamp/Solder Attachment For RG178, RG196 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: [BNC Female Connector Clamp/Solder Attachment For RG178, RG196 PE4389](#)

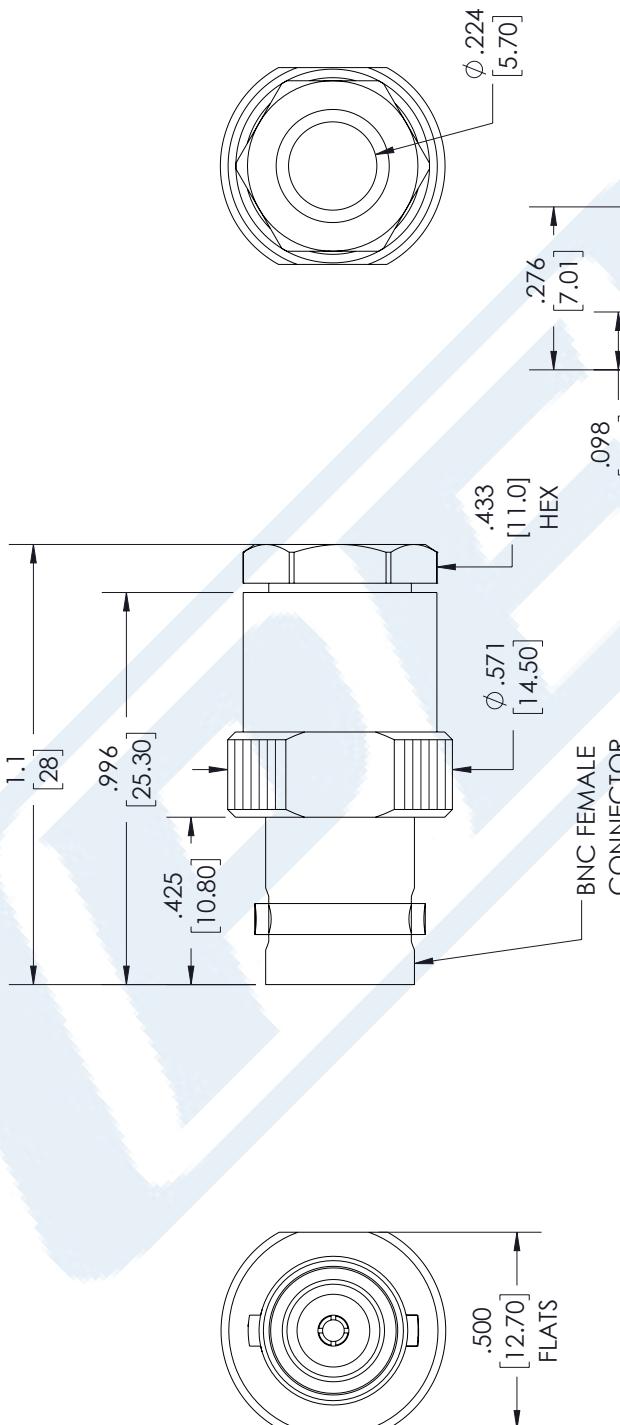
URL: <https://www.pasternack.com/bnc-female-standard-rg178-rg196-connector-pe4389-p.aspx>

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.

# PE4389 CAD Drawing

BNC Female Connector Clamp/Solder Attachment For RG178, RG196

REVISIONS				
REV.	DESCRIPTION	DATE	APPROVED	
B	PCR PE4389 20220908	11/15/2022	TGALLA	



## STRIPPING DIMENSIONS

UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES DIMENSIONS IN [ ] ARE MILLIMETERS TOLERANCES:		THIRD ANGLE PROJECTION
$X = \pm 2$ [5.08]      FRACTIONS $.XX = \pm .02$ [.51] $\pm 1/32$ $XXX = \pm .005$ [.13]      ANGLES $\pm 1^\circ$ $L$ CABLE LENGTH (L) TOLERANCES: $L \leq 12$ [305] $+1/-0$ $12$ [305] $< L \leq 60$ [1524] $+2/-1$ [51] $-0$ $60$ [1524] $< L \leq 120$ [3048] $+4/-1$ [102] $-0$ $120$ [3048] $< L \leq 300$ [7620] $= +6/-15$ [2] $-0$ $300$ [7620] $< L = +5/-6$ [L] $-0$		 
		THE INFORMATION AND DESIGN IN THIS DOCUMENT IS THE PROPERTY OF PASTERNACK CORPORATION ALL RIGHTS RESERVED.
		SHEET 1 OF 1
SCALE	N/A	REV B
SIZE	CAGE CODE	DRAWN BY
A	53919	BPUCHASKI
		ITEM NO. PE4389

ALL DIMENSIONS SHOWN  
ARE FOR REFERENCE ONLY.

THESE COMMODITIES, TECHNOLOGY OR SOFTWARE WERE EXPORTED FROM THE UNITED STATES IN ACCORDANCE  
WITH THE EXPORT ADMINISTRATION REGULATIONS. DIVERSION, CONTRARY TO U.S. LAW PROHIBITED.

## Flexible RG196 Coax Cable Single Shielded with White PTFE Jacket

### RF Cables Technical Data Sheet

**RG196A/U**

#### Configuration

- Flexible Cable
- 1 Shield(s)

#### Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		1,000	MHz
Impedance		50		Ohms
Dielectric Withstanding Voltage (AC)			2,000	Vrms
Nominal Capacitance		32 [104.99]		pF/ft [pF/m]

#### Performance by Frequency Band

Description	F1	F2	F3	F4	F5	Units
Frequency	400					MHz
Attenuation, Typ	33					dB/100ft
	108.27					dB/100m

#### Mechanical Specifications

Diameter	0.08 in [2.03 mm]
Weight	0.005 lbs/ft [0.01 Kg/m]

#### Construction Specifications

Description	Material and Plating	Diameter
Inner Conductor	Copper Clad Steel, Silver, 7 Strands	0.011 in [0.28 mm]
Conductor Type	Stranded	
Dielectric	PTFE	0.035 in [0.89 mm]
First Shield	Silver Plated Copper Braid 92.3% coverage	0.054 in [1.37 mm]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Flexible RG196 Coax Cable Single Shielded with White PTFE Jacket RG196A/U](#)

## Flexible RG196 Coax Cable Single Shielded with White PTFE Jacket

### RF Cables Technical Data Sheet

**RG196A/U**

Jacket	PTFE, White	0.08 in [2.03 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 RG196 Coax Cable Single Shielded with White PTFE 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.

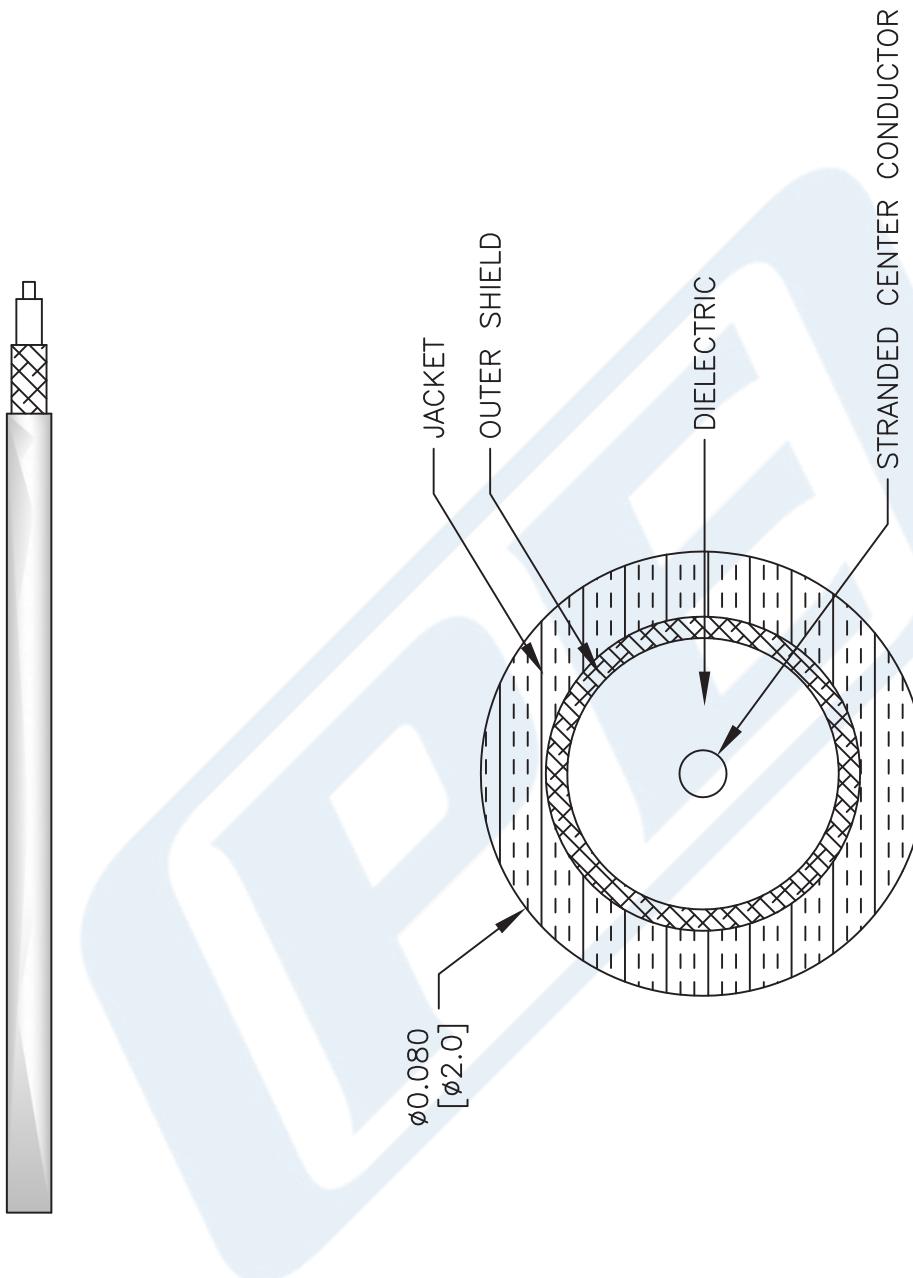
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Flexible RG196 Coax Cable Single Shielded with White PTFE Jacket RG196A/U](#)

URL: <https://www.pasternack.com/flexible-0.080-rg196-50-ohm-coax-cable-ptfe-jacket-rg196a-u-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.

# RG196A/U CAD Drawing

Flexible RG196 Coax Cable Single Shielded with White PTFE Jacket



Pasternack Enterprises, Inc.  
P.O. Box 16759 | Irvine | CA | 92623

Phone: (949) 261-1920 | Fax: (949) 261-7451

Website: [www.pasternack.com](http://www.pasternack.com) | E-Mail: [sales@pasternack.com](mailto:sales@pasternack.com)

DWG TITLE	RG196A/U
FSCM NO.	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].

SIZE A	41742
--------	-------