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C Male Connector Clamp/Solder Attachment For RG218

TECHNICAL DATA SHEET PE4954

C Male Connector Clamp/Solder Attachment For RG218

Configuration

Connector	C Male
Connector Interface Type	RG218
Cable Attachment Method (Shield/Contact)	Clamp/Solder
Body Style	Straight

Electrical Specifications

Impedance, Ohms	50

Mechanical Specifications

Size

Length, in [mm]	2.3 [58.42]
Width/Dia., in [mm]	1.312 [33.32]
Weight, lbs [g]	0.316 [143.34]

Connector

Type	C Male
Contact Material and Plating	Silver
Coupling Nut Material and Plating	Brass, Nickel
Body Material and Plating	Brass, Nickel
Dielectric Type	PTFE

Compliance Certifications (visit www.Pasternack.com for current document)

Plotted and Other Data

Notes:	Values at 25 °C, sea level

C Male Connector Clamp/Solder Attachment For RG218 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: C Male Connector Clamp/Solder Attachment For RG218 PE4954

URL: http://www.pasternack.com/c-male-standard-rg218-connector-pe4954-p.aspx

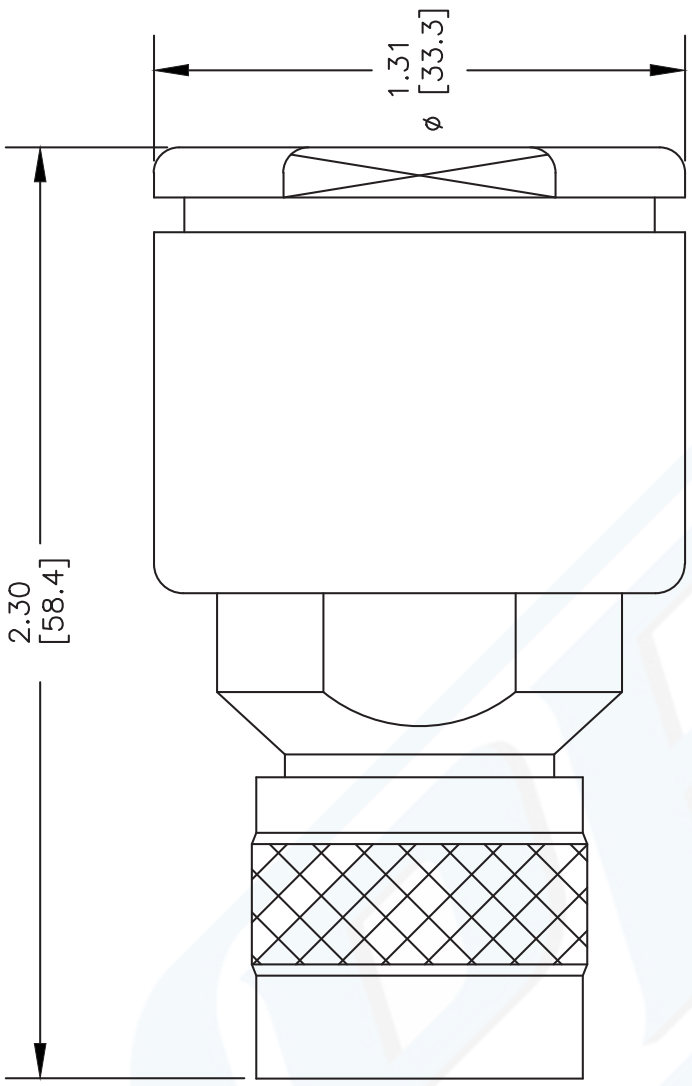
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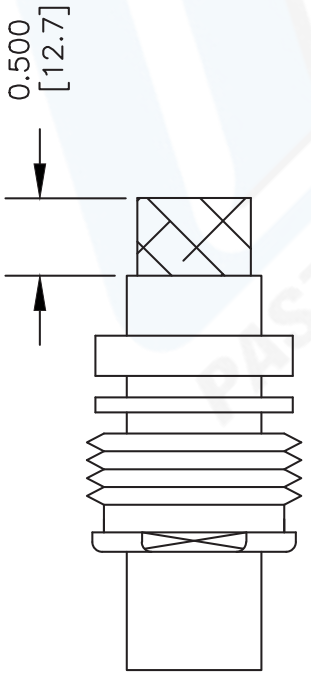
PE4954 CAD Drawing

C Male Connector Clamp/Solder Attachment For RG218

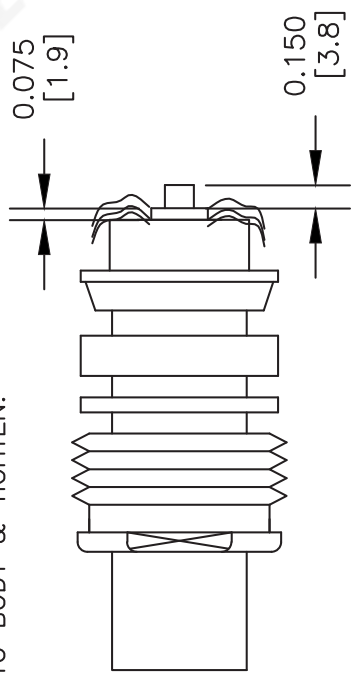


ASSEMBLY PROCEDURES

1. SLIDE CLAMP NUT (1), WASHER (2) & GASKET (3) OVER CABLE. STRIP CABLE AS SHOWN. DO NOT NICK BRAID WHILE CUTTING JACKET. TAPER END OF BRAID TO PERMIT ASSEMBLY OF BRAID CLAMP (4). SLIDE BRAID CLAMP (4) OVER BRAID & SEAT AGAINST CABLE.



2. FORM BRAID OVER CLAMP NUT (4). TRIM BRAID BACK TO SHOULDER. CUT DIELECTRIC & CENTER CONDUCTOR TO DIMENSION SHOWN. DO NOT NICK CENTER CONDUCTOR. SOLDER CONTACT TO CENTER CONDUCTOR. REMOVE EXCESS SOLDER. DO NOT OVER HEAT DIELECTRIC. INSERT CABLE ASSEMBLY INTO BODY & TIGHTEN.



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	CAD FILE	SCALE	SIZE
PE4954	061402	N/A	A

FSCM NO. 53919

127

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PASTERNACK®
THE ENGINEER'S RF SOURCE

7/16 DIN Male Connector Clamp/Solder Attachment for RG17, RG218, RG219



RF Connectors Technical Data Sheet PE44277

Configuration

- 7/16 DIN Male Connector
- MIL-C-39012
- 50 Ohms
- Straight Body Geometry
- RG17, RG218, RG219 Interface Type
- Clamp/Solder Attachment
- 1 1/4 inch Hex

Features

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

Applications

- General Purpose Test
- Custom Cable Assemblies

Description

Pasternack's PE44277 7/16 DIN male connector with clamp/solder attachment for RG17, RG218 and RG219 is part of our full line of RF components available for same-day shipping.

Our 7/16 DIN male connector PE44277 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	2.675 in [67.95 mm]
Width/Dia.	1.312 in [33.32 mm]
Weight	0.523 lbs [237.23 g]

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

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: 7/16 DIN Male Connector Clamp/Solder Attachment for RG17, RG218, RG219 PE44277

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PASTERNACK
THE ENGINEER'S RF SOURCE

7/16 DIN Male Connector Clamp/Solder Attachment for RG17, RG218, RG219



RF Connectors Technical Data Sheet PE44277

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

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URL: https://www.pasternack.com/7-16-male-standard-rg218-connector-pe44277-p.aspx

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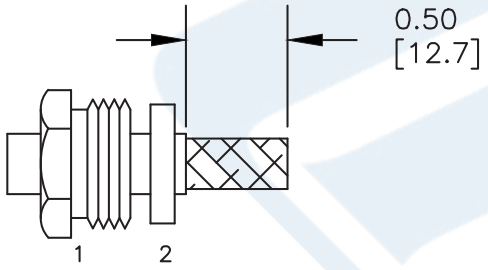
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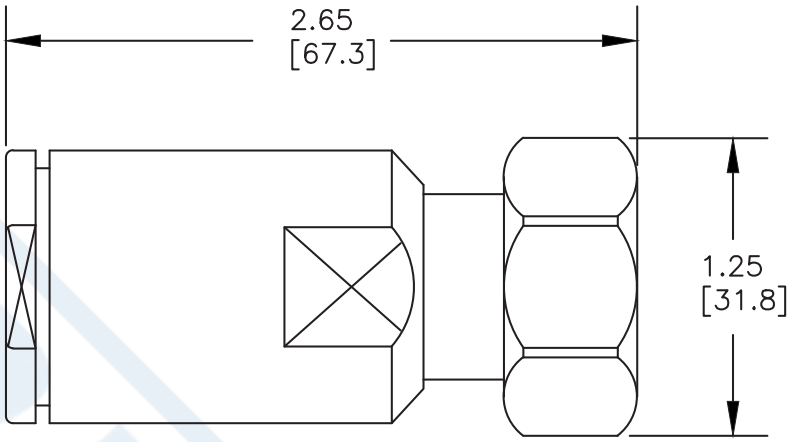
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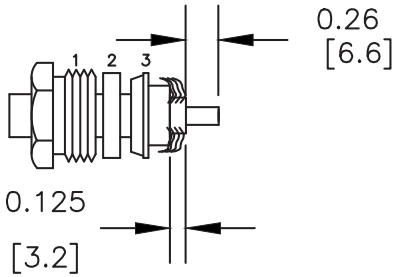
ASSEMBLY PROCEDURES

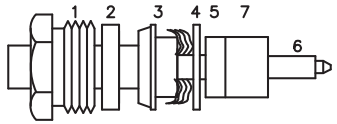
1. SLIDE CLAMP NUT (1) & GASKET (2) OVER CABLE. STRIP CABLE AS SHOWN. DO NOT NICK BRAID WHILE CUTTING JACKET. COMB OUT BRAID. TAPER END OF BRAID TO PERMIT ASSEMBLY OF THE BRAID CLAMP (3). SLIDE BRAID CLAMP (3) OVER BRAID & AGAINST CABLE





2. FORM BRAID OVER CLAMP NUT (3). CUT DIELECTRIC & CENTER CONDUCTOR TO DIMENSION SHOWN. SLIDE WASHER (4) & REAR INSULATOR (5) OVER. DIELECTRIC. SOLDER CONTACT (6) TO CENTER CONDUCTOR. SLIDE FRONT INSULATOR (7) OVER CONTACT. INSERT CABLE ASSEMBLY INTO BODY & TIGHTEN.





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DWG TITLE

PE44277

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

FSCM NO. 53919	CAD FILE 070202	SCALE N/A	SIZE A	2233

PE44277 CAD Drawing

7/16 DIN Male Connector Clamp/Solder Attachment for RG17, RG218, RG219

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Flexible RG219 Coax Cable Single Shielded with PVC With Aluminum Armor Jacket

TECHNICAL DATA SHEET RG219/79D

Flexible RG219 Coax Cable Single Shielded with PVC With Aluminum Armor Jacket

Configuration

Inner Conductor Material and Plating	Copper
Dielectric Type	PE
Shield Materials	Beryllium Copper
Jacket Material and Color	PVC With Armor

Electrical Specifications

Impedance, Ohms	50
Maximum Operating Frequency, GHz	5
Capacitance, pF/ft [pF/m]	30.8 [101.05]
Maximum Operating Voltage, Volts	11,000

Electrical Specifications by Frequency

Frequency 1

Frequency, MHz	10
Attenuation, dB/100ft [dB/100m]	0.23 [0.75]
Power Handling, KWatts	18

Frequency 2

Frequency, MHz	100
Attenuation, dB/100ft [dB/100m]	0.81 [2.66]
Power Handling, KWatts	3.2

Frequency 3

Frequency, MHz	1000
Attenuation, dB/100ft [dB/100m]	3.8 [12.47]
Power Handling, Watts	560

Frequency 4

Frequency, GHz	5
Attenuation, dB/100ft [dB/100m]	13.5 [44.29]
Power Handling, Watts	160

Mechanical Specifications

Temperature

Operating Range, deg C	-40 to +80

Inner Conductor

Number of Strands	1
Material	Copper
Diameter, in [mm]	0.195 [4.95]

Click the following link (or enter part number in “SEARCH” on website) to obtain additional part information including price, inventory and certifications: Flexible RG219 Coax Cable Single Shielded with PVC With Aluminum Armor Jacket RG219/79D

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Flexible RG219 Coax Cable Single Shielded with PVC With Aluminum Armor Jacket

TECHNICAL DATA SHEET RG219/79D

Dielectric:	
Type	PE
Diameter, in [mm]	0.68 [17.27]
Shield:	
Number of	1
Material 1	Beryllium Copper
Diameter, in [mm]	0.726 [18.44]
Jacket:	
Material	PVC With Armor
Diameter, in [mm]	0.87 [22.1]
Weight, lbs/ft [Kg/m]	0.585 [0.87]

Compliance Certifications (visit www.Pasternack.com for current document)

RoHS Compliant	Yes

Plotted and Other Data

Notes:	Values at 25 °C, sea level

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URL: http://www.pasternack.com/50-ohm-flexible-rg219-pvc-with-armor-jacket-copper-braid-outer-conductor-single-shielded-rg219-79d-p.aspx

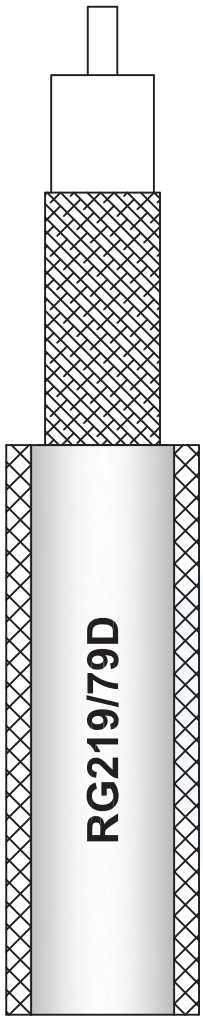
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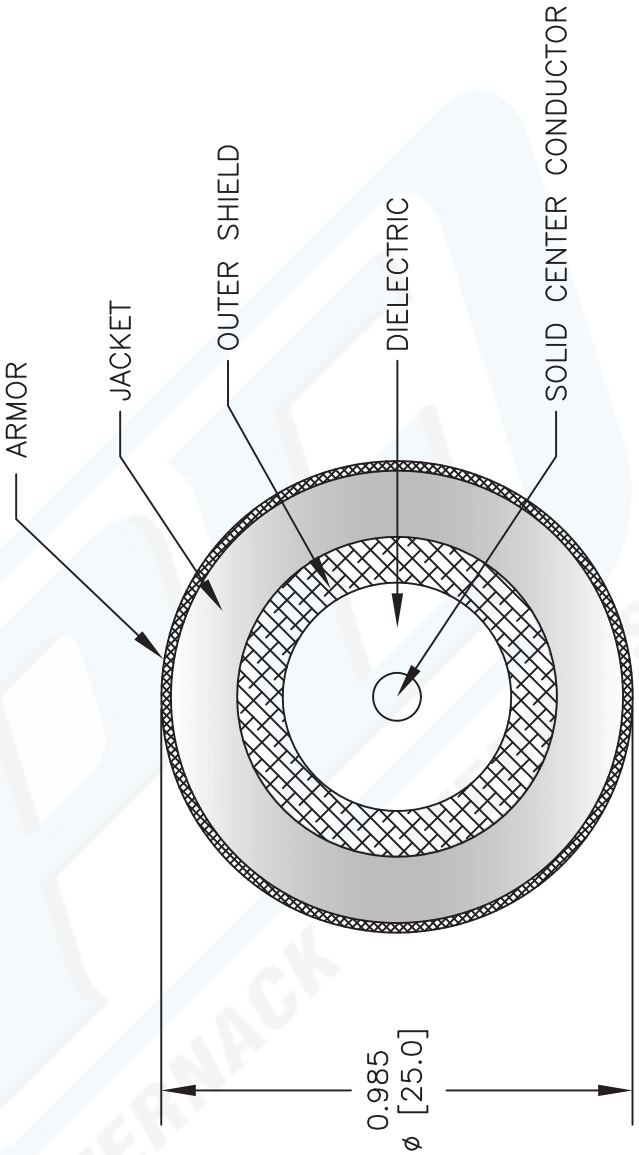
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RG219/79D CAD Drawing

Flexible RG219 Coax Cable Single Shielded with PVC With Aluminum Armor Jacket





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CAD FILE	SCALE	SIZE
102313	N/A	A

2233

DWG TITLE: RG219/79D

FSCM NO. 53919

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