



7/16 DIN Male Right Angle Connector Clamp/ Solder Attachment for RG14, RG217

RF Connectors Technical Data Sheet

PE44282

Configuration

- 7/16 DIN Male Connector
- MIL-C-39012
- 50 Ohms
- Right Angle Body Geometry
- RG14, RG217 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 PE44282 7/16 DIN male right angle connector with clamp/solder attachment for RG14 and RG217 is part of our full line of RF components available for same-day shipping. Its right angle body geometry allows for easier connections in tight spaces.

Our 7/16 DIN male right angle connector PE44282 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.
Height
Weight

1.96 in [49.78 mm]
1.25 in [31.75 mm]
1.99 in [50.55 mm]
0.453 lbs [205.48 g]

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 Right Angle Connector Clamp/Solder Attachment for RG14, RG217 PE44282](#)



7/16 DIN Male Right Angle Connector Clamp/ Solder Attachment for RG14, RG217

RF Connectors Technical Data Sheet

PE44282

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:

7/16 DIN Male Right Angle Connector Clamp/Solder Attachment for RG14, RG217 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.

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 Right Angle Connector Clamp/Solder Attachment for RG14, RG217 PE44282](#)

URL: <https://www.pasternack.com/7-16-male-standard-rg14-rg217-connector-pe44282-p.aspx>

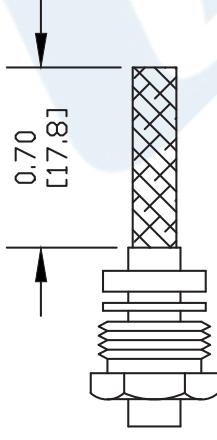
The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. Pasternack reserves the right to make such 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.

PE44282 CAD Drawing

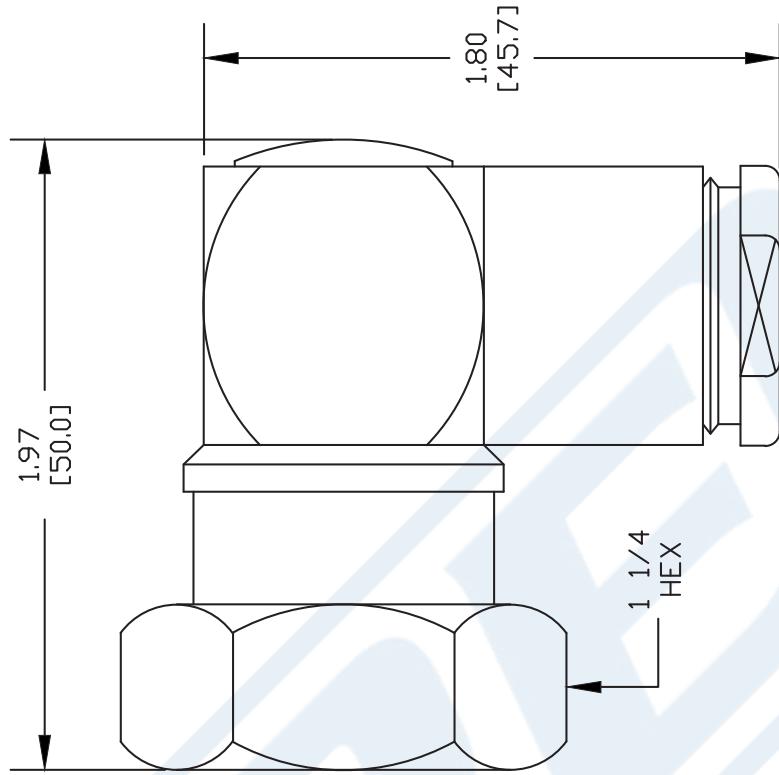
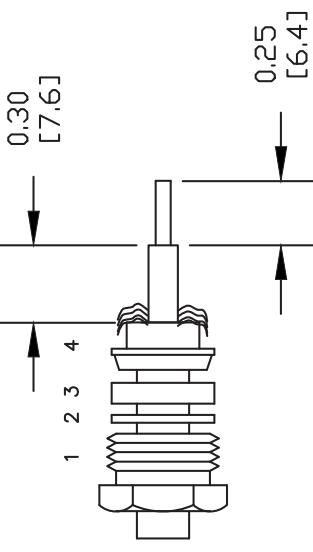
7/16 DIN Male Right Angle Connector Clamp/Solder Attachment for RG14, RG217

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 JACKET.



2. FORM BRAID OVER CLAMP NUT (4), TRIM BRAID BACK TO SHOULDER. CUT DIELECTRIC & CENTER CONDUCTOR TO DIMENSION SHOWN. DO NOT NICK CENTER CONDUCTOR. SLIDE ASSEMBLY INTO BODY. SOLDER CENTER CONDUCTOR IN PLACE, TIGHTEN CLAMP NUT & SCREW CAP DOWN.



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. PARTS MIL-C-177 AND EQUIVALENT CARIBUS.

DWG TITLE

PE44282

Bternack Enterprises, Inc.

Pasternack Enterprises, Inc.

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



LC Male Connector Clamp/Solder Attachment for RG14, RG217

RF Connectors Technical Data Sheet

PE4563

Configuration

- LC Male Connector
- MIL-STD-348
- 50 Ohms

- Straight Body Geometry
- RG14, RG217 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 PE4563 LC male connector with clamp/solder attachment for RG14 and RG217 is part of our full line of RF components available for same-day shipping.

Our LC male connector PE4563 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.

2.81 in [71.37 mm]

1.5 in [38.10 mm]

Weight

0.529 lbs [239.95 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: [LC Male Connector Clamp/Solder Attachment for RG14, RG217 PE4563](#)



LC Male Connector Clamp/Solder Attachment for RG14, RG217

RF Connectors Technical Data Sheet

PE4563

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

Plotted and Other Data

Notes:

LC Male Connector Clamp/Solder Attachment for RG14, RG217 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.

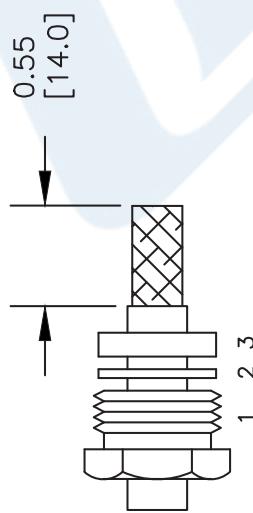
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [LC Male Connector Clamp/Solder Attachment for RG14, RG217 PE4563](#)

URL: <https://www.pasternack.com/lc-male-standard-rg14-rg217-connector-pe4563-p.aspx>

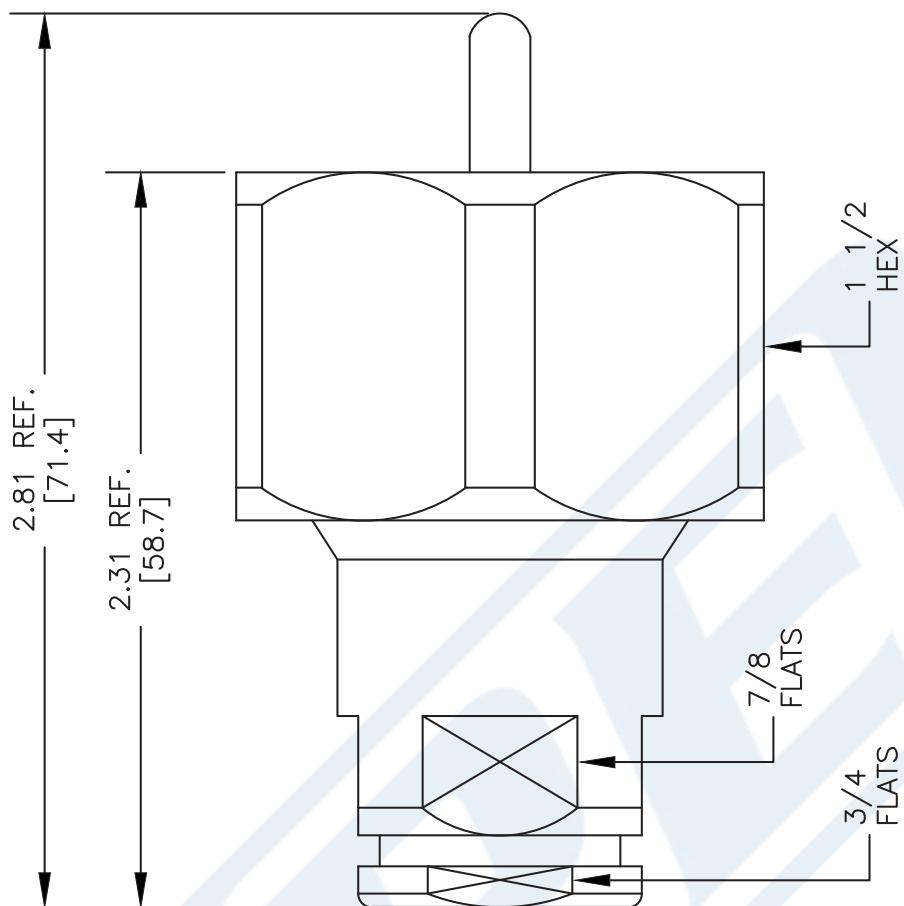
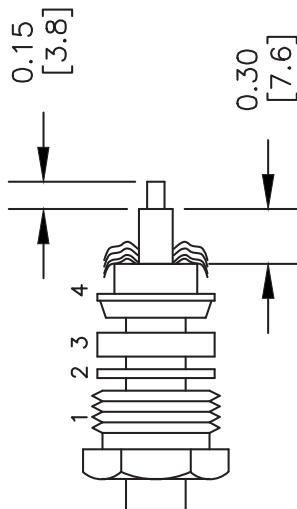
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ASSEMBLY PROCEDURES

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 JACKET.



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.



PE **PASTERNAK**®
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DWG TITLE
PE4563

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.

REV. B	FSCM NO.	53919	CAD FILE	082312	SCALE N/A	SIZE A	2233
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Flexible RG217 Coax Cable Double Shielded with Black PVC Jacket

RF Cables Technical Data Sheet

RG217/U

Configuration

- Flexible Cable
- 2 Shield(s)

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		1,000	MHz
Impedance		50		Ohms
Velocity of Propagation		66		%
Operating Voltage (AC)			5,200	Vrms
Nominal Capacitance	30.8 [101.05]			pF/ft [pF/m]

Performance by Frequency Band

Description	F1	F2	F3	F4	F5	Units
Frequency	10	100	1,000			MHz
Attenuation, Typ	0.45	1.54	6.37			dB/100ft
	1.48	5.05	20.9			dB/100m
Input Power (CW), Max	6,000	1,200	260			Watts

Mechanical Specifications

Diameter	0.545 in [13.84 mm]
Weight	0.225 lbs/ft [0.33 Kg/m]

Construction Specifications

Description	Material and Plating	Diameter
Inner Conductor	Copper, 1 Strands	0.106 in [2.69 mm]
Conductor Type	Solid	
Dielectric	PE	0.37 in [9.4 mm]
First Shield	Copper Braid	

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Flexible RG217 Coax Cable Double Shielded with Black PVC Jacket RG217/U](#)



Flexible RG217 Coax Cable Double Shielded with Black PVC Jacket

RF Cables Technical Data Sheet

RG217/U

Second Shield	Copper Braid	0.417 in [10.59 mm]
Jacket	PVC, Black	0.545 in [13.84 mm]

Environmental Specifications

Temperature

Operating Range

-40 to +80 deg C

Compliance Certifications (see [product page](#) for current document)**Plotted and Other Data**

Notes:

Flexible RG217 Coax 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.

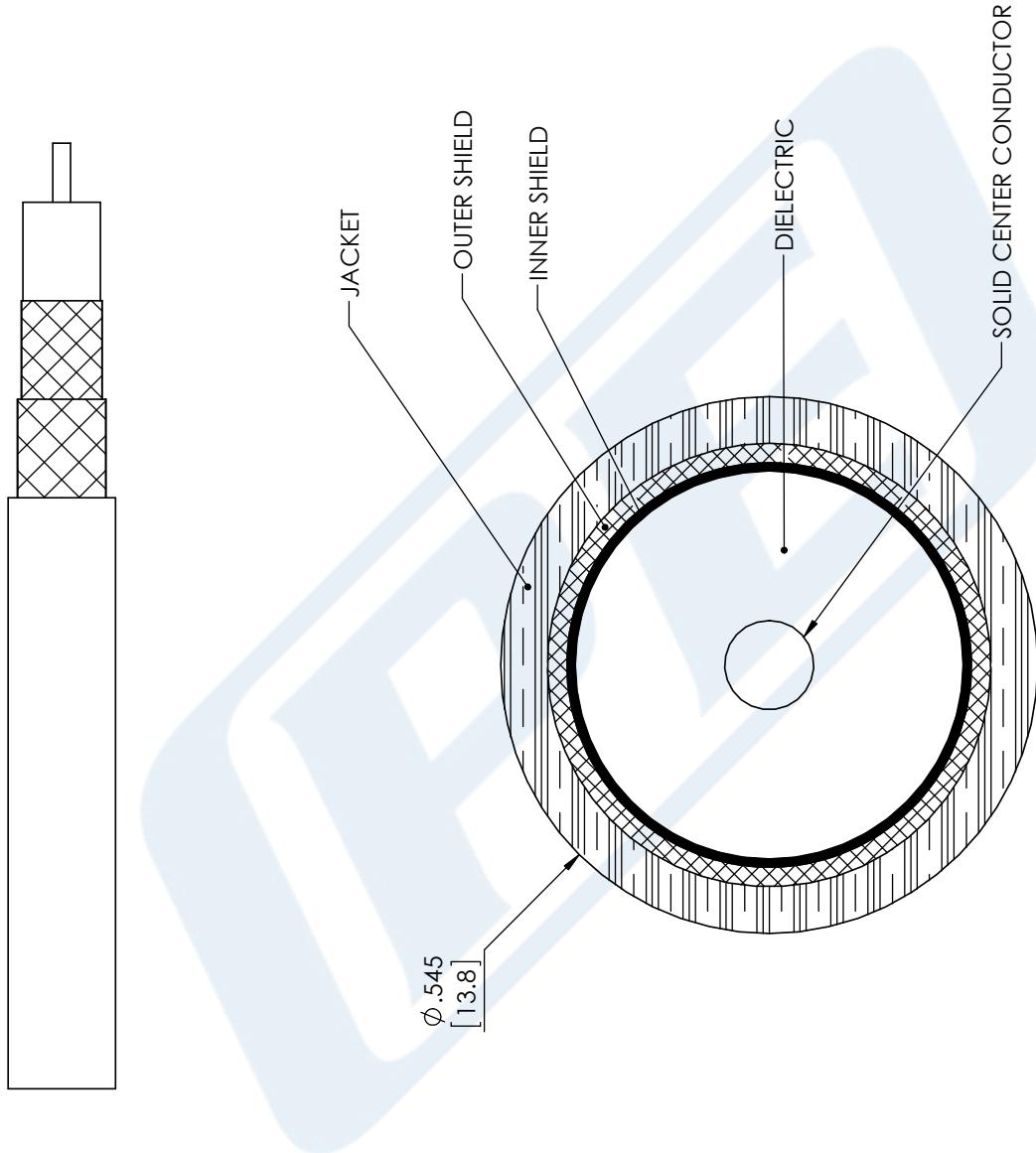
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Flexible RG217 Coax Cable Double Shielded with Black PVC Jacket RG217/U](#)

URL: <https://www.pasternack.com/flexible-0.545-rg217-50-ohm-coax-cable-pvc-jacket-rg217-u-p.aspx>

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RG217/U CAD Drawing

Flexible RG217 Coax Cable Double Shielded with Black PVC Jacket



STANDARD TOLERANCES		
X	± 0.2	
.XX	± 0.01	
.XXX	± 0.005	

*STANDARD TOLERANCES APPLY
ONLY TO DIMENSIONS IN INCHES

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DWG TITLE	RG217-U	NOTES:
CAGE CODE	53919	CAD FILE
	1/12/2017	SCALE N/A SIZE A CN2245