



LC Male Right Angle Connector Clamp/ Solder Attachment for RG14, RG217

RF Connectors Technical Data Sheet

PE44448

Configuration

- LC Male Connector
- MIL-C-39012
- 50 Ohms
- Right Angle Body Geometry
- RG14, RG217 Interface Type
- Clamp/Solder Attachment

Features

- Max. Operating Frequency 1 GHz
- Silver Plated Brass Contact
- Contact plating according to QQ-S-365

Applications

- General Purpose Test
- Custom Cable Assemblies

Description

Pasternack's PE44448 LC 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. Our LC male connector operates up to a maximum frequency of 1 GHz. Its right angle body geometry allows for easier connections in tight spaces.

Our LC male right angle connector PE44448 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
Frequency Range	DC		1,000	MHz
Operating Voltage (AC)			5,000	Vrms
Dielectric Withstanding Voltage (AC)			5,000	Vrms
Insulation Resistance	5,000			MOhms

Mechanical Specifications

Size	
Length	2.745 in [69.72 mm]
Width/Dia.	1.5 in [38.10 mm]
Weight	0.71 lbs [322.05 g]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [LC Male Right Angle Connector Clamp/Solder Attachment for RG14, RG217 PE44448](#)



LC Male Right Angle Connector Clamp/
Solder Attachment for RG14, RG217

RF Connectors
Technical Data Sheet

PE44448

Material Specifications

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

Environmental Specifications

Temperature

Operating Range

-65 to +165 deg C

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: [LC Male Right Angle Connector Clamp/Solder Attachment for RG14, RG217 PE44448](#)



LC Male Right Angle Connector Clamp/
Solder Attachment for RG14, RG217

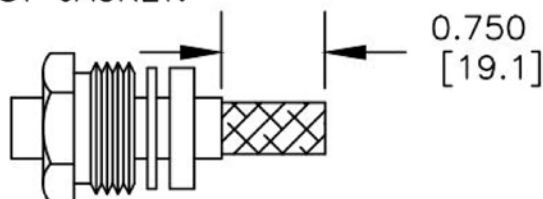
RF Connectors
Technical Data Sheet

PE44448

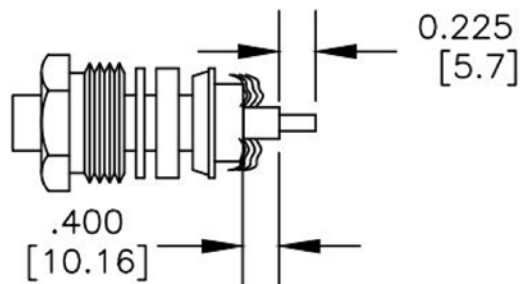
Assembly Instruction

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). CUT DIELECTRIC TO DIMENSION SHOWN. DO NOT NICK CENTER CONDUCTOR. TIN CENTER CONDUCTOR. SLIDE ASSEMBLY INTO BODY, SOLDER CENTER CONDUCTOR, TIGHTEN CLAMP NUT & SCREW CAP IN PLACE.



Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [LC Male Right Angle Connector Clamp/Solder Attachment for RG14, RG217 PE44448](#)



LC Male Right Angle Connector Clamp/ Solder Attachment for RG14, RG217

RF Connectors Technical Data Sheet

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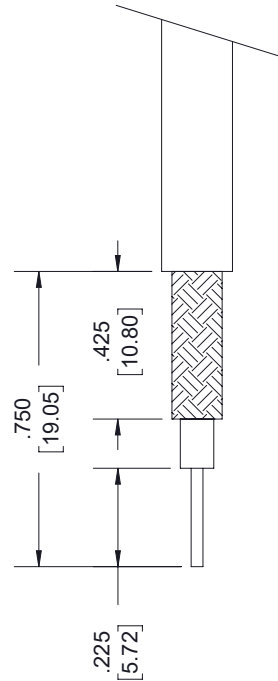
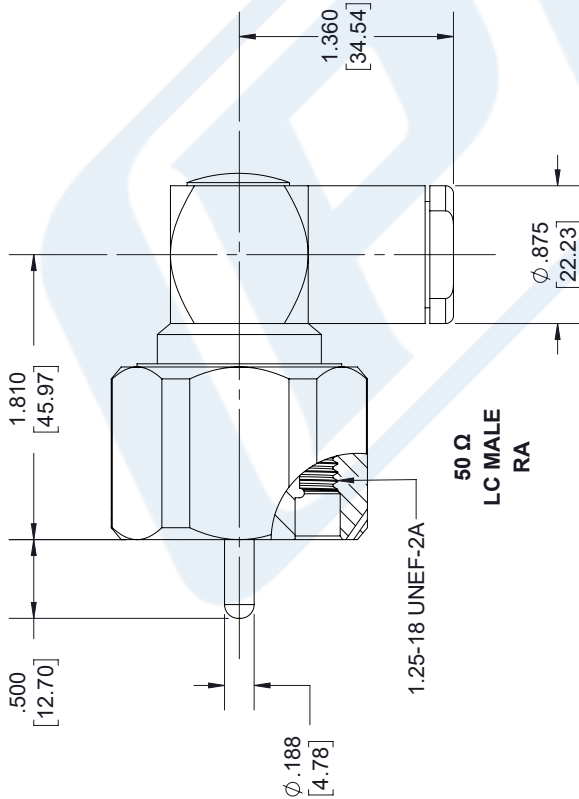
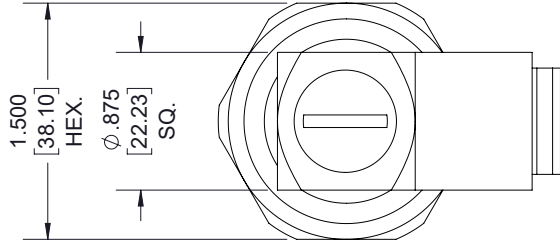
LC Male Right Angle Connector Clamp/Solder Attachment for RG14, RG217 from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99.4% availability and are part of the broadest selection in the industry.

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [LC Male Right Angle Connector Clamp/Solder Attachment for RG14, RG217 PE44448](https://www.pasternack.com/lc-male-standard-rg14-rg217-connector-pe44448-p.aspx)

URL: <https://www.pasternack.com/lc-male-standard-rg14-rg217-connector-pe44448-p.aspx>

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REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	01/07/19	J.GARCIA



STRIPPING DIMENSIONS

NOTES:

- CABLE ATTACHMENT:
 - OUTER: CLAMP.
 - INNER: SOLDER.

UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE IN INCHES DIMENSIONS IN [] ARE MILLIMETERS	
TOLERANCES:	FRACTIONS
X±.2 [5.08]	±.132
XX±.01 [.25]	±.132
XXX±.005 [.13]	ANGLES ± 1°
ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY.	
THIRD-ANGLE PROJECTION	

PE PASTERNAK an INFINITO brand	
Pasternack Enterprises, Inc. P.O. Box 16759, Irvine, CA 92623. Phone: 1.949.261.1920 1.866.727.8376 Fax: 1.949.261.7451 www.pasternack.com e-mail: sales@pasternack.com	
SIZE	PART NUMBER
A	53919
DRAWN BY	REV
KDANG	PE44448

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SCALE	
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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	2.81 in [71.37 mm]
Width/Dia.	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>

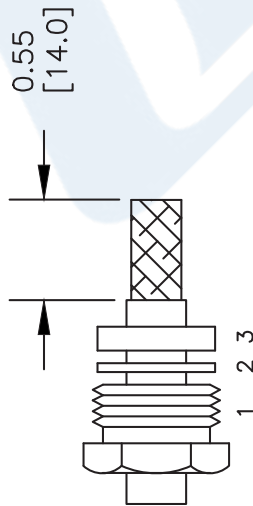
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PE4563 CAD Drawing

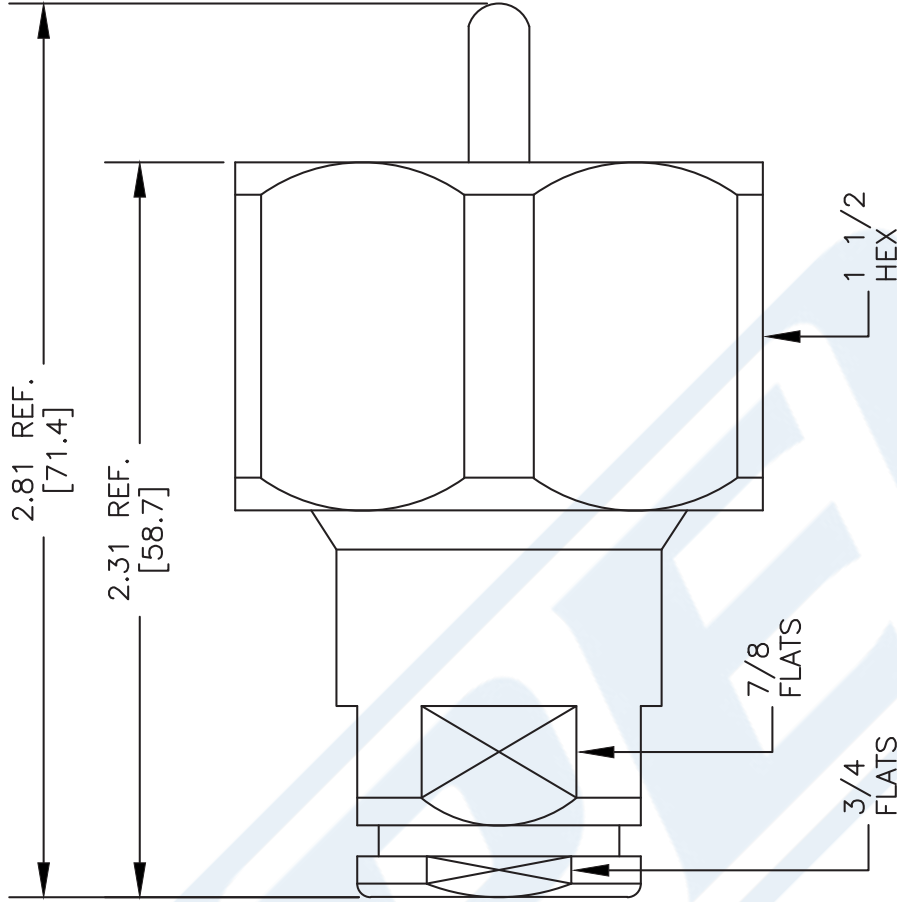
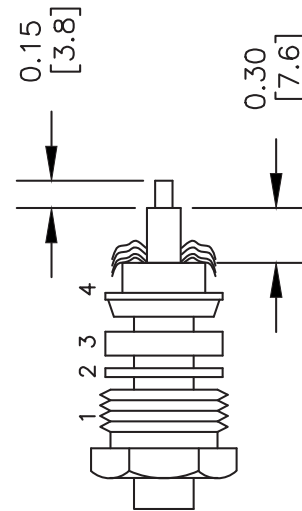
LC Male Connector Clamp/Solder Attachment for RG14, RG217

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. SOLDER CONTACT TO CENTER CONDUCTOR. REMOVE EXCESS SOLDER. DO NOT OVER HEAT DIELECTRIC. INSERT CABLE ASSEMBLY INTO BODY & TIGHTEN.



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.

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FSCM NO. 53919

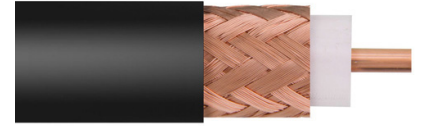
CAD FILE 082312

SCALE N/A

SIZE A

2233

Flexible RG217 Coax Cable Double Shielded with Black PVC Jacket



RG217/U

Configuration

- Flexible Cable
- 2 Shield(s)

Features

Applications

Description

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]
Power@ 1GHz			260	Watts

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	0.205 lbs/ft [0.31 kg/m]

Construction Specifications

Description	Material and Plating	Diameter
Inner Conductor	Copper, 1 Strand	0.106 in [2.69 mm]
Conductor Type	Solid	
Dielectric	PE	0.37 in [9.4 mm]
First Shield	Copper Braid	
Second Shield	Copper Braid	0.417 in [10.59 mm]
Jacket	PVC, Black	0.545 in [13.84 mm]

Flexible RG217 Coax Cable Double Shielded with Black PVC Jacket



RG217/U

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

