



## 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

<b>Size</b>	
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

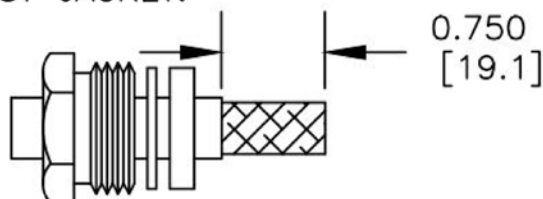
RF Connectors  
Technical Data Sheet

PE44448

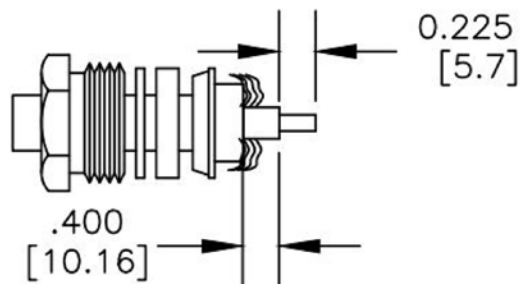
Assembly Instruction

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

PE44448

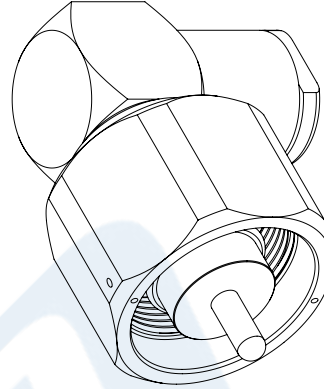
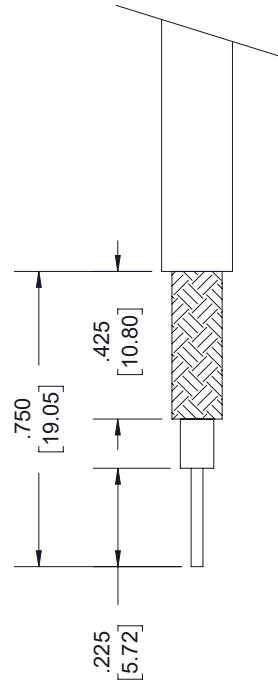
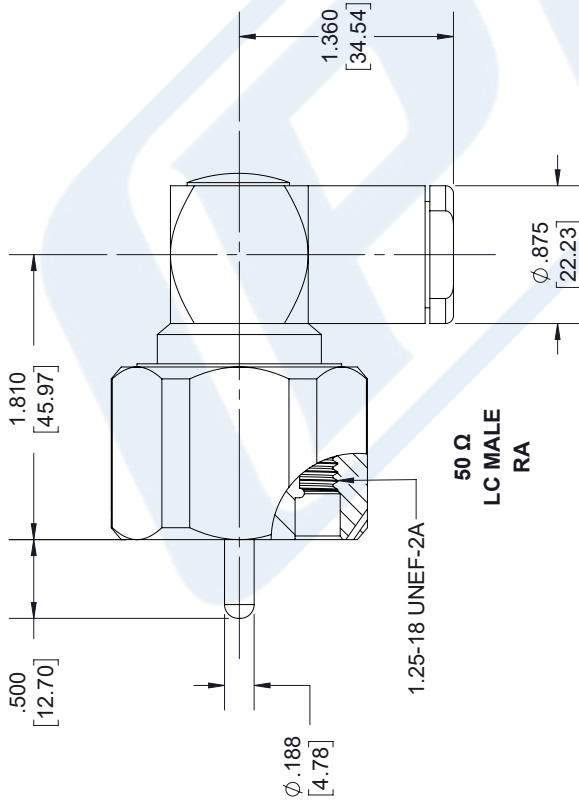
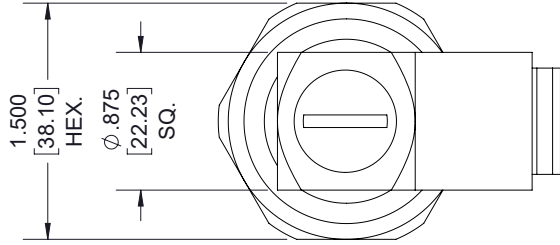
LC Male Right Angle Connector Clamp/Solder Attachment for RG14, RG217 from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99.4% availability and are part of the broadest selection in the industry.

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>

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.

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	

<b>PE PASTERNAK</b> 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	
THE INFORMATION AND DESIGN IN THIS DOCUMENT IS THE PROPERTY OF PASTERNAK CORPORATION. ALL RIGHTS RESERVED.	SHEET 1 OF 1
SCALE	N/A
SIZE	A
CAGE	53919
DRAWN BY	KDANG
PART NUMBER	PE44448
REV	A

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.



## 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

<b>Size</b>	
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

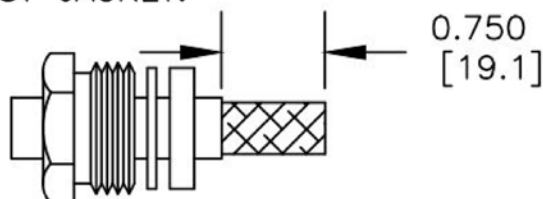
RF Connectors  
Technical Data Sheet

PE44448

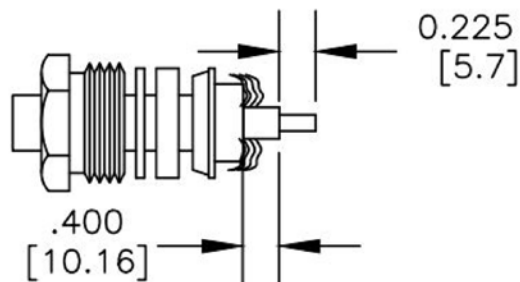
Assembly Instruction

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

PE44448

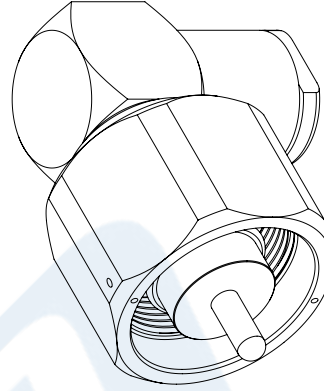
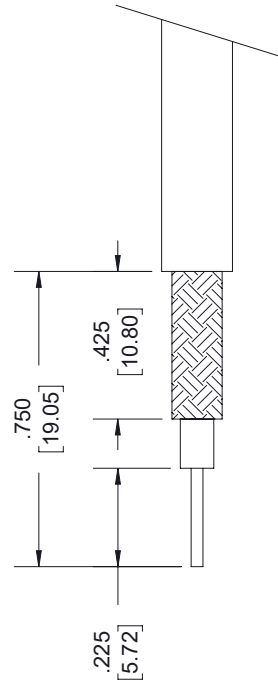
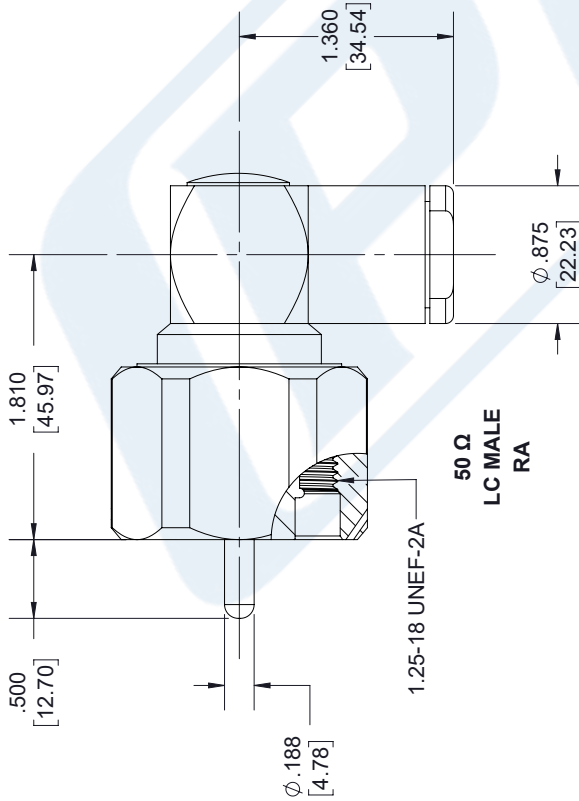
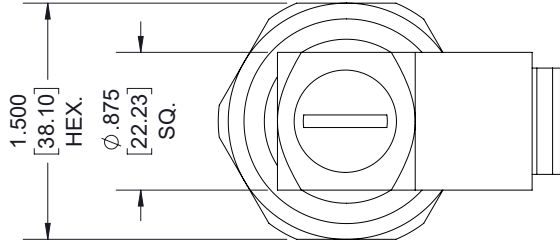
LC Male Right Angle Connector Clamp/Solder Attachment for RG14, RG217 from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99.4% availability and are part of the broadest selection in the industry.

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>

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.

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



### STRIPPING DIMENSIONS

#### NOTES:

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

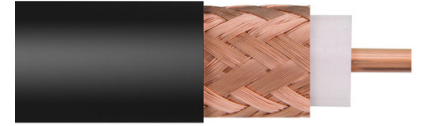
UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE IN INCHES DIMENSIONS IN [ ] ARE MILLIMETERS	
TOLERANCES:	FRACTIONS
X±.2 [5.08]	±.132
XX±.01 [.25]	±.132
XXX±.005 [.13]	ANGLES ± 1°
ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY.	
THIRD-ANGLE PROJECTION	

<b>PE PASTERNAK</b> an INFINITI 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

THE INFORMATION AND DESIGN IN THIS DOCUMENT IS THE PROPERTY OF PASTERNAK CORPORATION. ALL RIGHTS RESERVED.	
SHEET	OF
1	1
SCALE	
N/A	

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 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

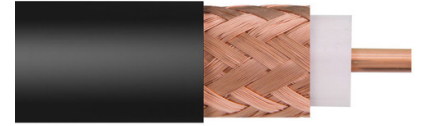
#### Mechanical Specifications

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>

The information contained within 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 Enterprises reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Pasternack Enterprises does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Pasternack Enterprises does not assume liability arising out of the use of any part or document.

## Flexible RG217 Coax Cable Double Shielded with Black PVC Jacket

