



7/16 DIN Male Right Angle Connector Clamp/Solder Attachment for RG213, RG214, RG8, RG9, RG225, RG393, RG215

RF Connectors Technical Data Sheet

PE44280

Configuration

- 7/16 DIN Male Connector
- MIL-C-39012
- 50 Ohms
- Right Angle Body Geometry
- RG213, RG214, RG8, RG9, RG225, RG393, RG215 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 PE44280 7/16 DIN male right angle connector with clamp/solder attachment for RG213, RG214, RG8, RG9, RG225, RG393 and RG215 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 PE44280 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 | 1.875 in [47.63 mm] |
| Width/Dia. | 1.25 in [31.75 mm] |
| Height | 1.84 in [46.74 mm] |
| Weight | 0.351 lbs [159.21 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 RG213, RG214, RG8, RG9, RG225, RG393, RG215 PE44280](#)



7/16 DIN Male Right Angle Connector Clamp/Solder Attachment for RG213, RG214, RG8, RG9, RG225, RG393, RG215

RF Connectors Technical Data Sheet

PE44280

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 RG213, RG214, RG8, RG9, RG225, RG393, RG215 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 RG213, RG214, RG8, RG9, RG225, RG393, RG215 PE44280](#)

URL: <https://www.pasternack.com/7-16-male-standard-rg213-rg214-rg8-rg9-rg225-rg393-connector-pe44280-p.aspx>

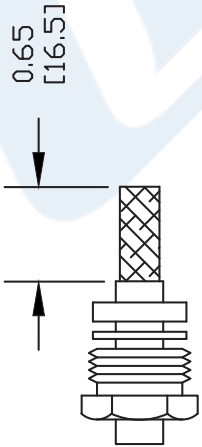
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PE44280 CAD Drawing

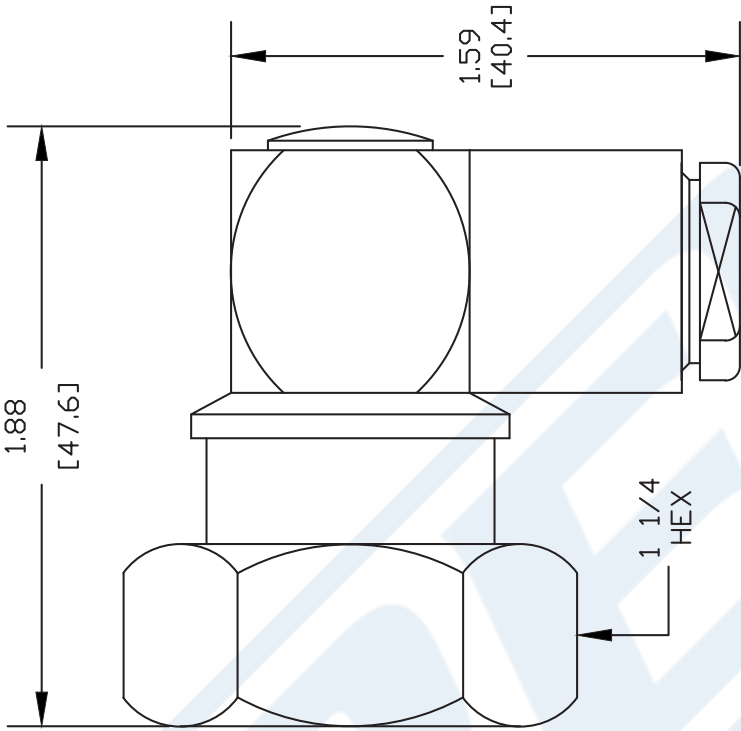
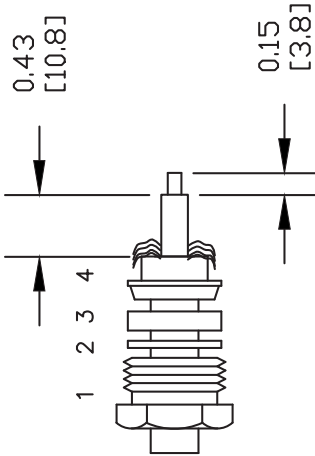
7/16 DIN Male Right Angle Connector Clamp/Solder Attachment
for RG213, RG214, RG8, RG9, RG225, RG393, RG215

ASSEMBLY PROCEDURES

1. SLIDE CLAMP NUT (1), WASHER (2) & GASKET (3) OVER CABLE. STRIP CABLE AS SHOWN IN A. 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. CUT BRAID TO DIMENSION SHOWN IN B.



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



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
PE44280

REV. - FSCM NO. 53919 CAD FILE 012004 SCALE N/A SIZE A 127

PASTERNAK®
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C Male Right Angle Connector Crimp/Solder Attachment for RG214, RG9, RG225, RG393

RF Connectors Technical Data Sheet

PE4949

Configuration

- C Male Connector
- MIL-STD-348
- 50 Ohms
- Right Angle Body Geometry
- RG214, RG9, RG225, RG393 Interface Type
- Crimp/Solder Attachment

Features

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

Applications

- General Purpose Test
- Custom Cable Assemblies

Description

Pasternack's PE4949 type C male right angle connector with crimp/solder attachment for RG214, RG9, RG225 and RG393 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 type C male right angle connector PE4949 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 | 2.16 in [54.86 mm] |
| Width/Dia. | 1.3 in [33.02 mm] |
| Height | 0.75 in [19.05 mm] |
| Weight | 0.127 lbs [57.61 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: [C Male Right Angle Connector Crimp/Solder Attachment for RG214, RG9, RG225, RG393 PE4949](#)



C Male Right Angle Connector Crimp/Solder Attachment for RG214, RG9, RG225, RG393

RF Connectors Technical Data Sheet

PE4949

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

Plotted and Other Data

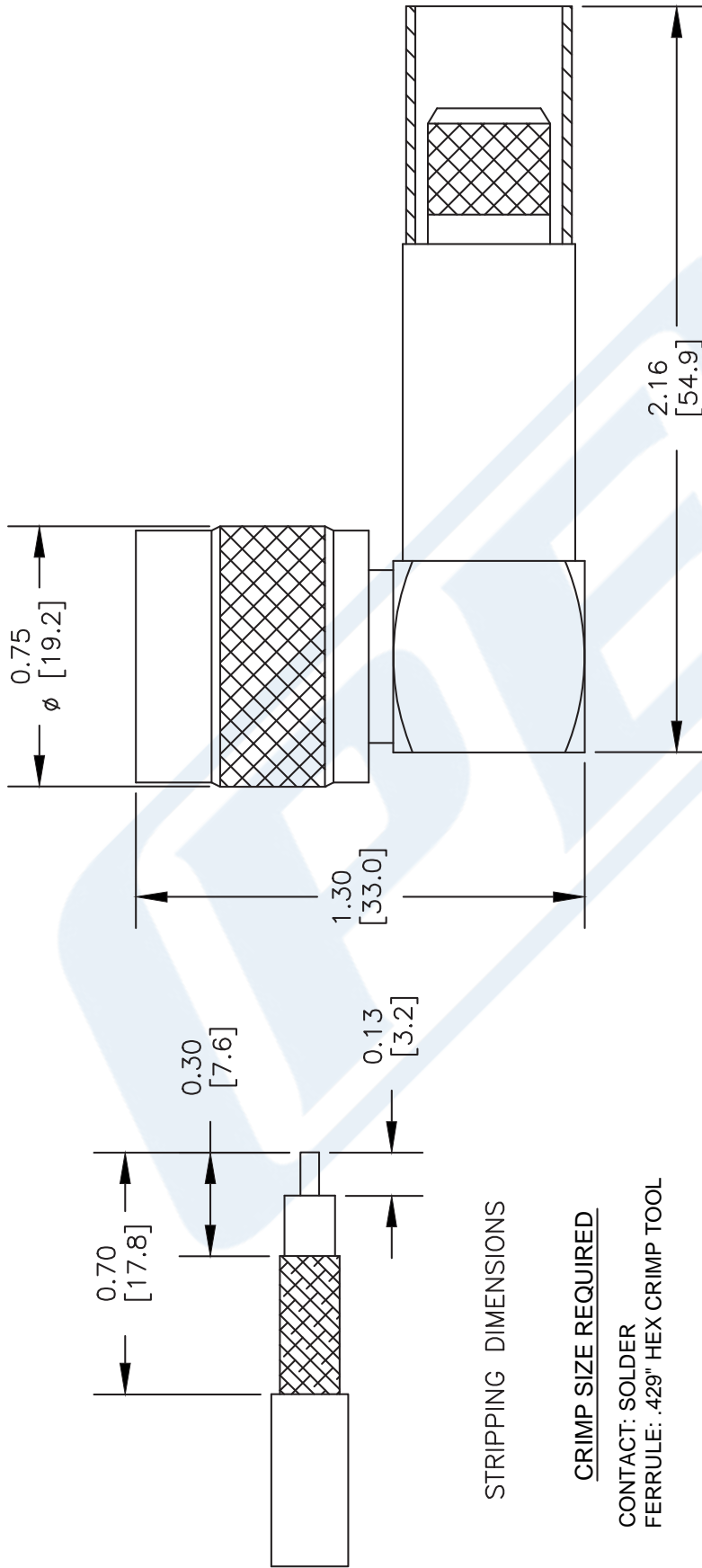
Notes:

C Male Right Angle Connector Crimp/Solder Attachment for RG214, RG9, RG225, RG393 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: [C Male Right Angle Connector Crimp/Solder Attachment for RG214, RG9, RG225, RG393 PE4949](#)

URL: <https://www.pasternack.com/c-male-standard-rg214-rg9-rg225-rg393-connector-pe4949-p.aspx>

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STRIPPING DIMENSIONS

CRIMP SIZE REQUIRED

CONTACT: SOLDER
FERRULE: .429" HEX CRIMP TOOL

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3. DIMENSIONS ARE IN INCHES [mm].
4. FITS MIL-C-17 AND EQUIVALENT CABLES.

DWG TITLE

PE4949

FSCM NO. 53919

CAD FILE

061402

SCALE N/A

SIZE A

127

PE PASTERNAK®

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Flexible RG393 Coax Cable Double Shielded with Tan FEP Jacket

TECHNICAL DATA SHEET

RG393/U

- 50 Ohm Impedance
- Stranded Silver Plated Copper center conductor
- PTFE dielectric
- Double Silver Plated Copper Braid
- FEP Jacket Material 0.390 in diameter

• Configuration

Inner Conductor Material and Plating
Dielectric Type
Shield Materials
Jacket Material and Color

Copper, Silver
PTFE
Silver Plated Copper Braid, Silver Plated Copper Braid
FEP, Tan

Electrical Specifications

| | |
|---------------------------------------|--------------|
| Impedance, Ohms | 50 |
| Maximum Operating Frequency, GHz | 10 |
| RF Shielding, dB | 60 |
| Capacitance, pF/ft [pF/m] | 29.4 [96.46] |
| Maximum Operating Voltage, Volts | 5,000 |
| Dielectric Withstanding Voltage, Vrms | 7,500 |

Electrical Specifications by Frequency

Frequency 1

| | |
|---------------------------------|------------|
| Frequency, MHz | 10 |
| Attenuation, dB/100ft [dB/100m] | 0.6 [1.97] |
| Power Handling, KWatts | 25 |

Frequency 2

| | |
|---------------------------------|------------|
| Frequency, MHz | 100 |
| Attenuation, dB/100ft [dB/100m] | 2.1 [6.89] |
| Power Handling, KWatts | 6.3 |

Frequency 3

| | |
|---------------------------------|-------------|
| Frequency, MHz | 1000 |
| Attenuation, dB/100ft [dB/100m] | 7.5 [24.61] |
| Power Handling, KWatts | 1.7 |

Frequency 4

| | |
|---------------------------------|-----------|
| Frequency, GHz | 5 |
| Attenuation, dB/100ft [dB/100m] | 21 [68.9] |
| Power Handling, Watts | 620 |

Frequency 5

| | |
|---------------------------------|-------------|
| Frequency, GHz | 10 |
| Attenuation, dB/100ft [dB/100m] | 35 [114.83] |
| Power Handling, Watts | 350 |

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Flexible RG393 Coax Cable Double Shielded with Tan FEP Jacket RG393/U](#)



Flexible RG393 Coax Cable Double Shielded with Tan FEP Jacket

TECHNICAL DATA SHEET

RG393/U

Mechanical Specifications**Temperature**

Operating Range, deg C -55 to +200

Inner Conductor

Number of Strands 7

Material Copper

Plating Silver

Diameter, in [mm] 0.094 [2.39]

Dielectric:

Type PTFE

Diameter, in [mm] 0.285 [7.24]

Shield:

Number of 2

Material 1 Silver Plated Copper Braid

Material 2 Silver Plated Copper Braid

Diameter, in [mm] 0.34 [8.64]

Jacket:

Material FEP

Diameter, in [mm] 0.39 [9.91]

Color Tan

One Time Minimum Bend Radius, in [mm] 3.9 [99.06]

Weight, lbs/ft [Kg/m] 0.16 [0.24]

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

RoHS Compliant

REACH Compliant 06/18/2010

Plotted and Other Data

Notes:

- Values at +25 °C, sea level

Flexible RG393 Coax Cable Double Shielded with Tan FEP Jacket 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.

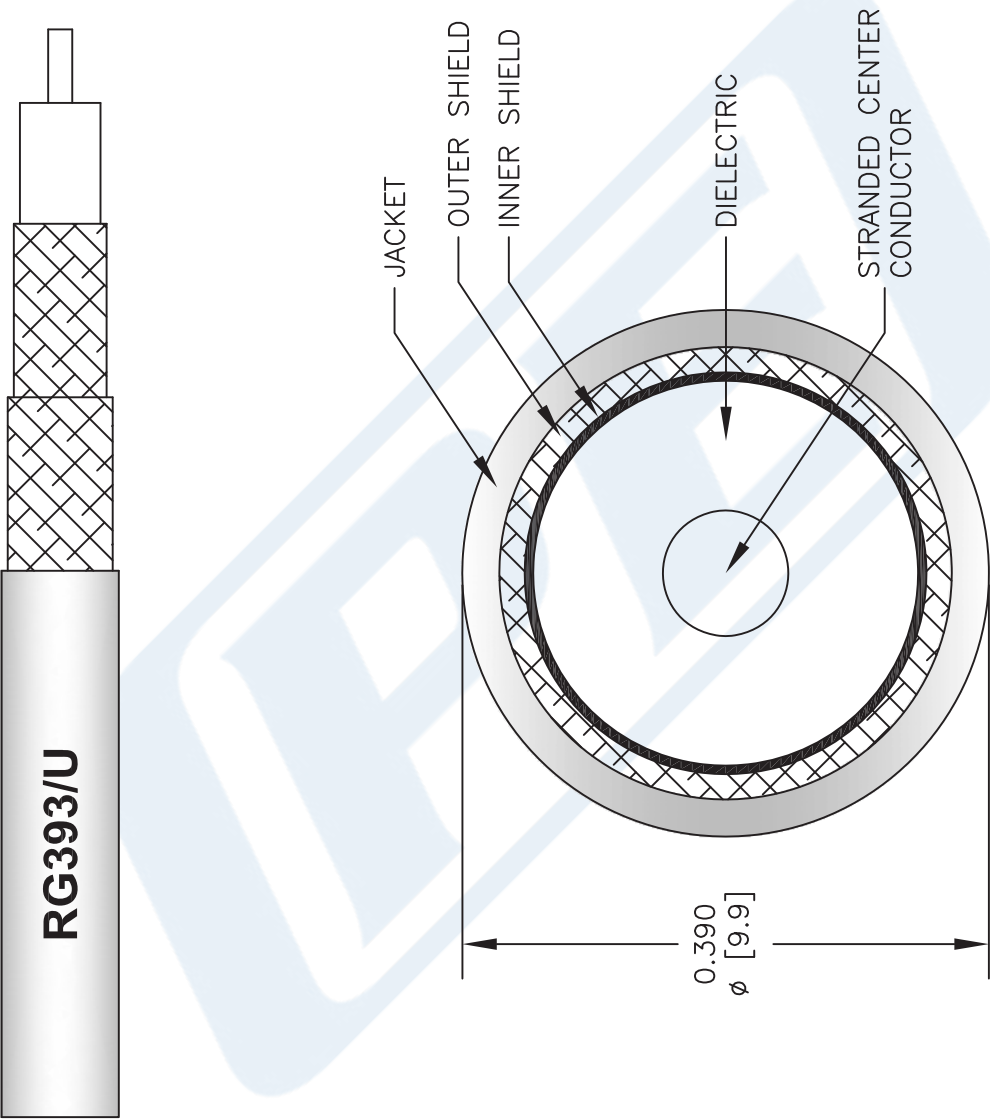
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Flexible RG393 Coax Cable Double Shielded with Tan FEP Jacket RG393/U](http://www.pasternack.com/flexible-0.390-rg393-50-ohm-coax-cable-fep-jacket-rg393-u-p.aspx)

URL: <http://www.pasternack.com/flexible-0.390-rg393-50-ohm-coax-cable-fep-jacket-rg393-u-p.aspx>

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RG393/U CAD Drawing

Flexible RG393 Coax Cable Double Shielded with Tan FEP Jacket



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DWG TITLE
RG393/U

FSCM NO. 53919

CAD FILE 110712-C

SCALE N/A

SIZE A

2233

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