


**SMA Female Connector Clamp/Solder Attachment For  
RG213, RG214, RG8, RG9, RG11, RG225, RG393**
**TECHNICAL DATA SHEET**
**PE4411**
**SMA Female Connector Clamp/Solder Attachment For RG213, RG214, RG8, RG9, RG11, RG225, RG393**
**Configuration**

Connector	SMA Female
Connector Specification	MIL-C-39012
Connector Interface Type	RG213, RG214, RG8, RG9, RG11, RG225, RG393
Cable Attachment Method (Shield/Contact)	Clamp/Solder
Body Style	Straight

**Electrical Specifications**

Impedance, Ohms	50
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**Mechanical Specifications**

<b>Temperature</b>	
Operating Range, deg C	-65 to +165
<b>Size</b>	
Length, in [mm]	1.5 [38.1]
Width/Dia., in [mm]	0.75 [19.05]
Weight, lbs [g]	0.082 [37.19]

**Connector**

Type	SMA Female
Contact Material and Plating	Gold
Contact Plating Specification	MIL-G-45204
Body Material and Plating	Brass, Nickel
Dielectric Type	Teflon

**Compliance Certifications** (visit [www.Pasternack.com](http://www.Pasternack.com) for current document)

RoHS Compliant	Yes
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Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [SMA Female Connector Clamp/Solder Attachment For RG213, RG214, RG8, RG9, RG11, RG225, RG393 PE4411](#)

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## SMA Female Connector Clamp/Solder Attachment For RG213, RG214, RG8, RG9, RG11, RG225, RG393

### TECHNICAL DATA SHEET

PE4411

#### Plotted and Other Data

Notes:

Values at 25 °C, sea level

SMA Female Connector Clamp/Solder Attachment For RG213, RG214, RG8, RG9, RG11, RG225, RG393 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.

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URL: <http://www.pasternack.com/sma-female-standard-rg213-rg214-rg8-rg9-rg11-rg225-rg393-connector-pe4411-p.aspx>

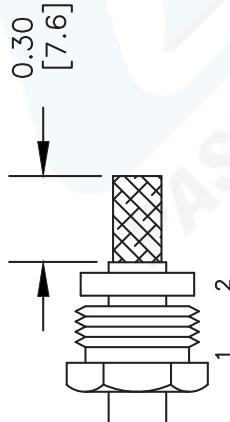
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# PE4411 CAD Drawing

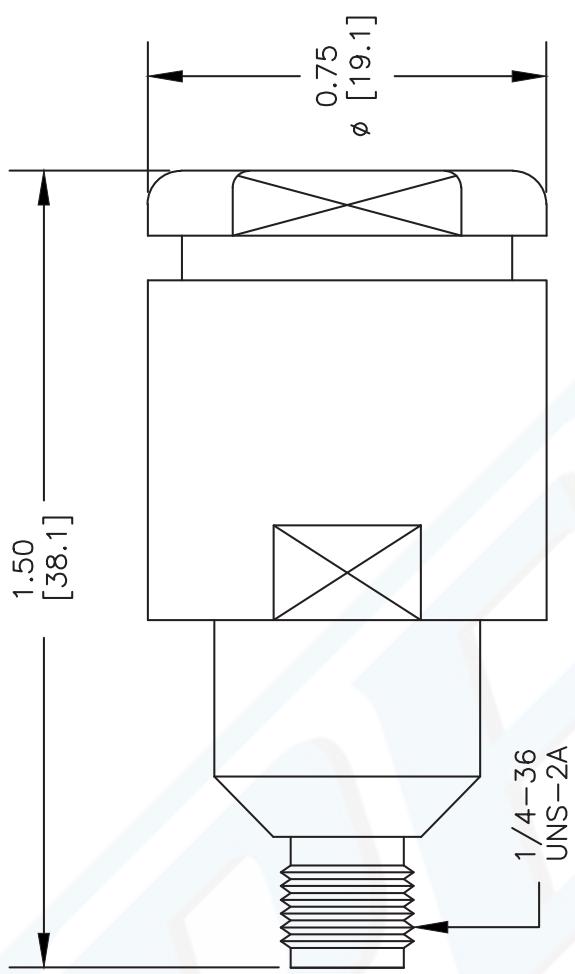
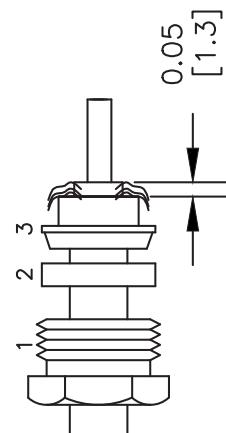
SMA Female Connector Clamp/Solder Attachment For RG213,  
RG214, RG8, RG9, RG11, RG225, RG393

## ASSEMBLY PROCEDURES

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



2. FORM BRAID OVER CLAMP NUT (3). TRIM BRAID BACK TO SHOULDER. CUT DIELECTRIC 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.

PASTERNACK®	DWG TITLE	PE4411		
Pasternack Enterprises, Inc. P.O. Box 16759   Irvine   CA   92623 Phone: (949) 261-1920   Fax: (949) 261-7451 Website: <a href="http://www.pasternack.com">www.pasternack.com</a>   E-Mail: <a href="mailto:sales@pasternack.com">sales@pasternack.com</a>	REV. -	FSCM NO.	CAD FILE	SCALE N/A
		53919	051402	SIZE A
				2233


**QN Female Bulkhead Connector Crimp/Solder Attachment For RG214, RG225, .500 inch Diameter**
**TECHNICAL DATA SHEET**
**PE44608**
**QN Female Bulkhead Connector Crimp/Solder Attachment For RG214, RG225, .500 inch Diameter**
**Configuration**

Connector	QN Female
Connector Interface Type	RG214, RG225
Cable Attachment Method (Shield/Contact)	Crimp/Solder
Body Style	Straight
Mount Method	Bulkhead

**Electrical Specifications**

Frequency Range, GHz	DC to 11
Impedance, Ohms	50
Maximum Return Loss, dB	0.17
Maximum Operating Voltage, Volts	1,000
Dielectric Withstanding Voltage, Vrms	2,500

**Frequency 1**

Frequency, MHz	DC to 1,000
Return Loss, dB	32
Insertion Loss, dB	0.05

**Frequency 2**

Frequency, GHz	1 to 6
Return Loss, dB	27
Insertion Loss, dB	0.12

**Mechanical Specifications**
**Temperature**

Operating Range, deg C	-40 to +125
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**Size**

Length, in [mm]	1.68 [42.67]
Width/Dia., in [mm]	0.67 [17.02]
Weight, lbs [g]	0.137 [62.14]

**Connector**

Type	QN Female
Mating Cycles	100
Contact Material and Plating	Brass, Gold
Body Material and Plating	Brass, Tri-Metal
Dielectric Type	PTFE

**Compliance Certifications** (visit [www.Pasternack.com](http://www.Pasternack.com) for current document)

RoHS Compliant	Yes
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Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [QN Female Bulkhead Connector Crimp/Solder Attachment For RG214, RG225, .500 inch Diameter PE44608](#)

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**QN Female Bulkhead Connector Crimp/Solder  
Attachment For RG214, RG225, .500 inch Diameter**

**TECHNICAL DATA SHEET**

**PE44608**

**Plotted and Other Data**

Notes:

Values at 25 °C, sea level

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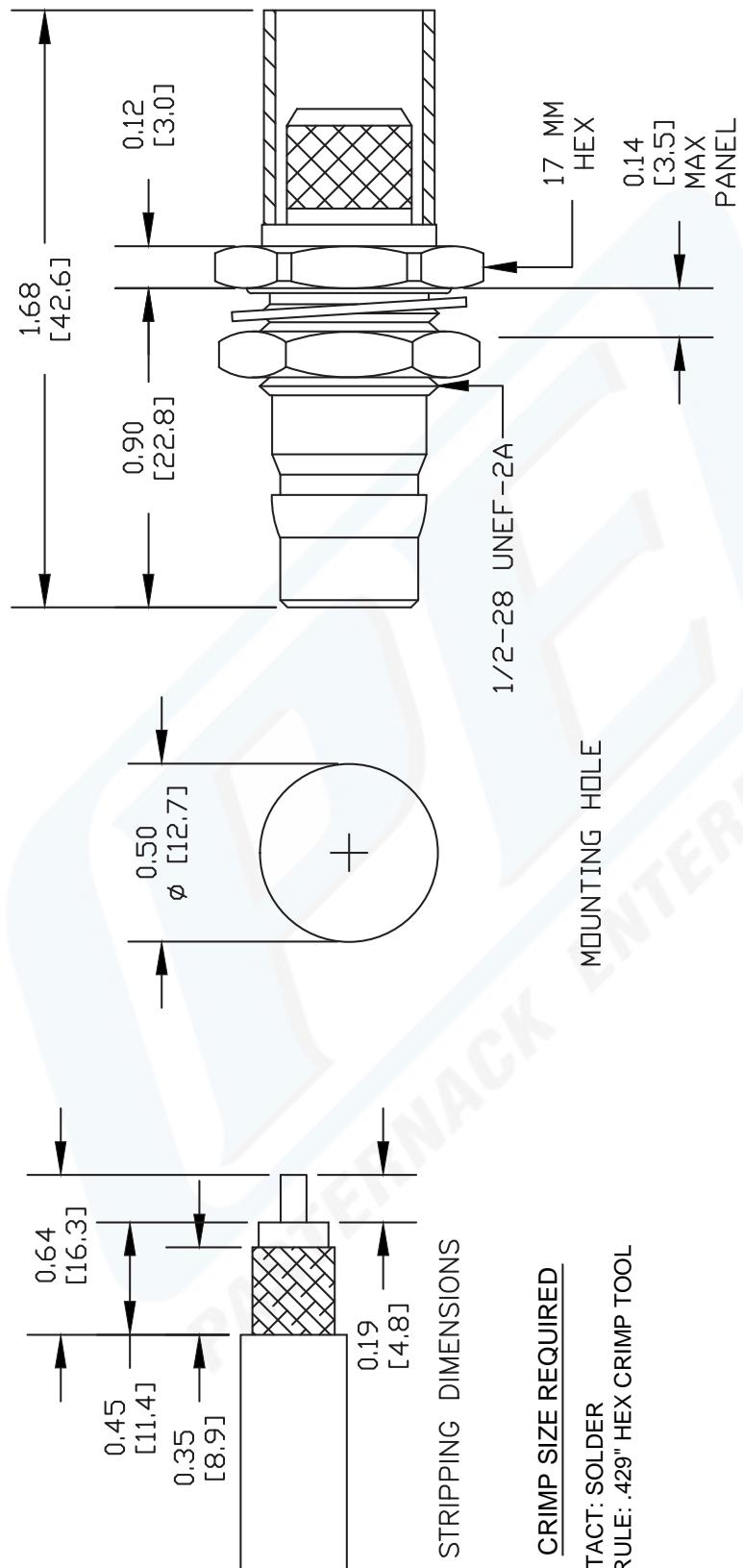
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URL: <http://www.pasternack.com/qn-female-standard-rg214-rg225-connector-pe44608-p.aspx>

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# PE44608 CAD Drawing

QN Female Bulkhead Connector Crimp/Solder Attachment  
For RG214, RG225, .500 inch Diameter



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DWG TITLE  
**PE44608**

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

REV. A	FSCM NO.	53919	CAD FILE	091211	SCALE N/A	SIZE A	2231
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## Flexible RG393 Coax Cable Double Shielded with Tan FEP Jacket

### RF Cables Technical Data Sheet

**RG393/U**

#### Configuration

- Flexible Cable
- 2 Shield(s)

#### Features

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

#### Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		10	GHz
Impedance		50		Ohms
Velocity of Propagation		69.5		%
Nominal Capacitance		29.4 [96.46]		pF/ft [pF/m]

#### Performance by Frequency Band

Description	F1	F2	F3	F4	F5	Units
Frequency	0.01	0.1	1	5	10	GHz
Attenuation, Typ	0.6	2.1	7.5	21	35	dB/100ft
	1.97	6.89	24.61	68.9	114.83	dB/100m
Input Power (CW), Max	25,000	6,300	1,700	620	350	Watts

#### Mechanical Specifications

Diameter 0.39 in [9.91 mm]  
 Weight 0.157 lbs/ft [0.23 Kg/m]

Min. Bend Radius (Repeated) 3.9 in [99.06 mm]

#### Construction Specifications

Description	Material and Plating	Diameter
Inner Conductor	Copper, Silver7	0.094 in 2.39 mm
Conductor Type	Stranded	

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

### RF Cables Technical Data Sheet

**RG393/U**

Dielectric	PTFE	0.285 in 7.24 mm
First Shield	Silver Plated Copper Braid 90% coverage	0.313 in 7.95 mm
Second Shield	Silver Plated Copper Braid 90% coverage	0.341 in 8.66 mm
Jacket	FEP, Tan	0.39 in [9.91 mm]

#### Environmental Specifications

##### Temperature

Operating Range

-55 to +200 deg C

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

#### Plotted and Other Data

Notes:

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 99.4% 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 RG393 Coax Cable Double Shielded with Tan FEP Jacket RG393/U](#)

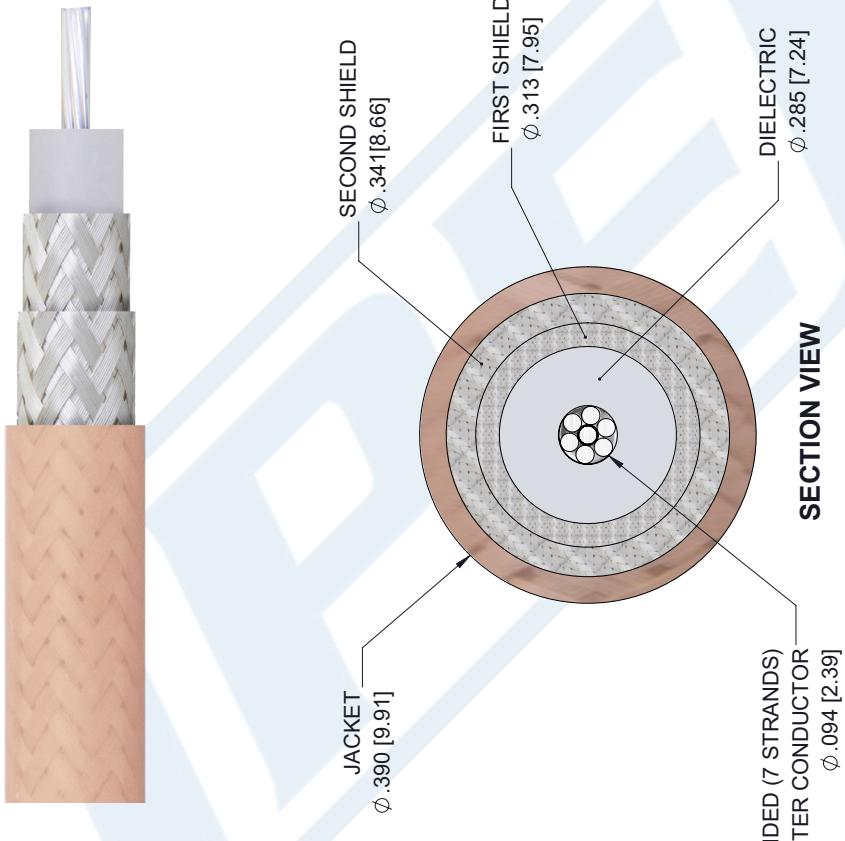
URL: <https://www.pasternack.com/flexible-r393u-fep-jacket-silver-plated-copper-braid-over-silver-plated-copper-braid-outer-conductor-double-shielded-r393-u-p.aspx>

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# RG393/U CAD Drawing

Flexible RG393 Coax Cable Double Shielded with Tan FEP Jacket

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	PCR RG393/U	1/8/2020	S.ELLIS



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FRACTIONS $X = \pm 2$ [5.08] $\pm 1/32$ $XX = \pm .02$ [.51] $\pm .005$ [.13] $XXX = \pm .005$ [.013]	ANGLES $\pm 1^\circ$ CABLE LENGTH (L) TOLERANCES: $L \leq 12$ [305] $\pm 1$ [25] $-0$ $12$ [305] $< L \leq 60$ [1524] $= +2$ [51] $-0$ $60$ [1524] $< L \leq 120$ [3048] $= +4$ [102] $-0$ $120$ [3048] $< L \leq 300$ [7620] $= +6$ [152] $-0$ $300$ [7620] $< L = +5%$ L $-0$	SCALE N/A ITEM NO. RG393/U REV A
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