



N Female Bulkhead Connector Clamp/Solder Attachment For RG213, RG214, RG8, RG9, RG11, RG225, RG393, .640 inch DD Hole

TECHNICAL DATA SHEET

PE4223

N Female Bulkhead Connector Clamp/Solder Attachment For RG213, RG214, RG8, RG9, RG11, RG225, RG393, .640 inch DD Hole

Configuration

Connector	N Female
Connector Specification	MIL-STD-348A
Connector Interface Type	RG213, RG214, RG8, RG9, RG11, RG225, RG393
Cable Attachment Method (Shield/Contact)	Clamp/Solder
Body Style	Straight
Mount Method	Bulkhead

Electrical Specifications

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

Mechanical Specifications

Temperature

Operating Range, deg C	-65 to +165
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Size

Length, in [mm]	1.775 [45.09]
Width/Dia., in [mm]	0.825 [21]
Weight, lbs [g]	0.137 [62.14]

Connector

Type	N Female
Contact Material and Plating	Brass, Gold
Contact Plating Specification	30µ in. minimum
Body Material and Plating	Brass, Nickel
Body Plating Specification	100µ in. minimum
Dielectric Type	Teflon

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

RoHS Compliant	Yes
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Plotted and Other Data

Notes:	Values at 25 °C, sea level
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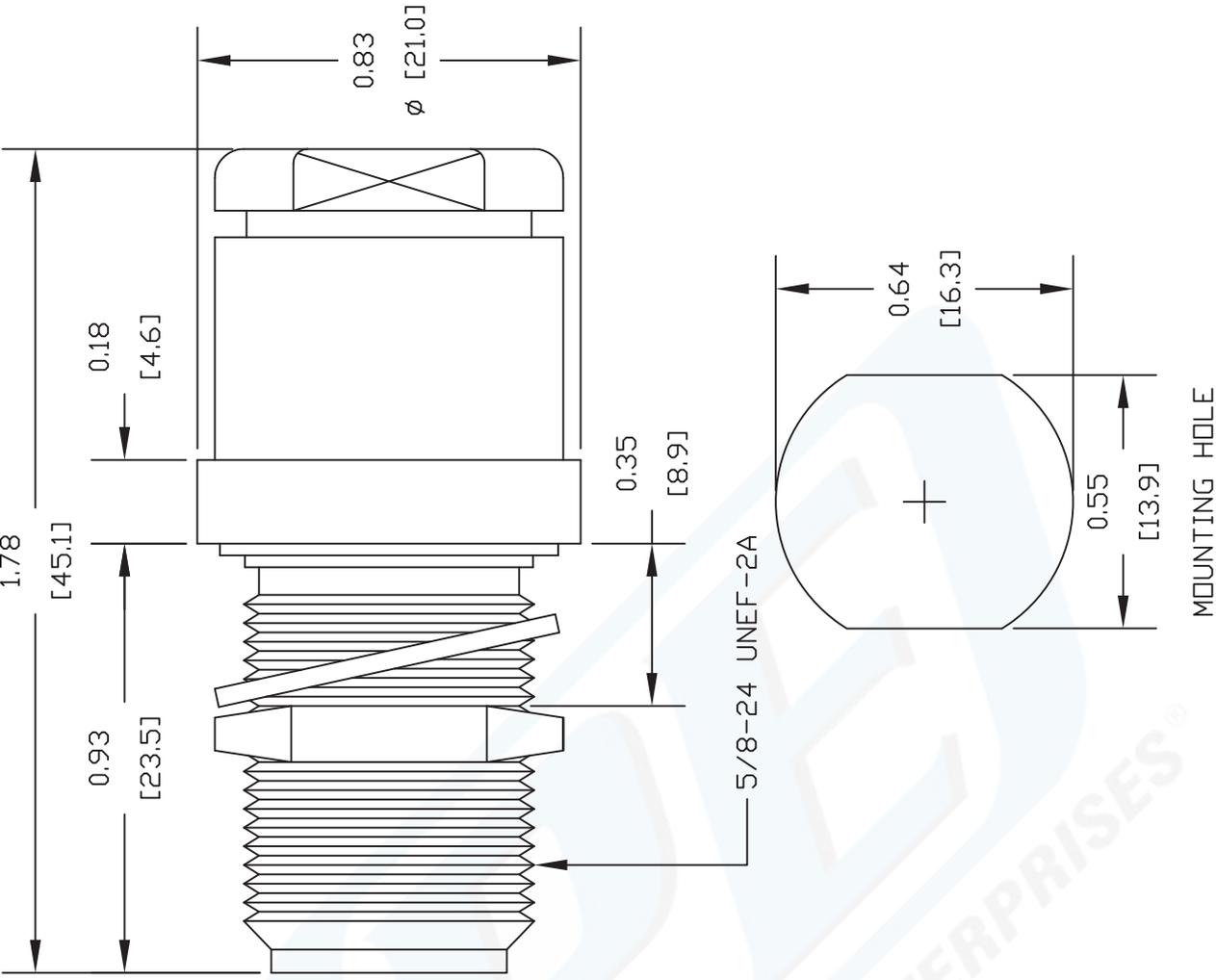
URL: <http://www.pasternack.com/n-female-standard-rg213-rg214-rg8-rg9-rg11-rg225-rg393-connector-pe4223-p.aspx>

N Female Bulkhead Connector Clamp/Solder Attachment For RG213, RG214, RG8, RG9, RG11, RG225, RG393, .640 inch DD Hole from Pasternack Enterprises has same day shipment for domestic and International orders. We maintain 99% availability of the industry's broadest selection of RF, microwave and fiber optic products.

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.

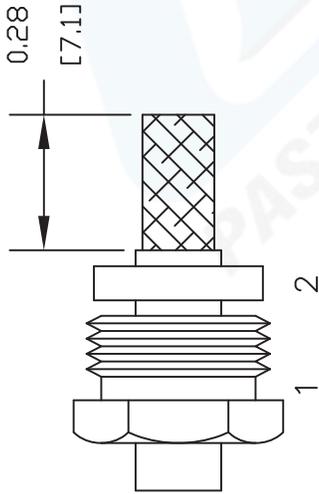
PE4223 CAD Drawing

N Female Bulkhead Connector Clamp/Solder Attachment For RG213, RG214, RG8, RG9, RG11, RG225, RG393, .640 inch DD Hole

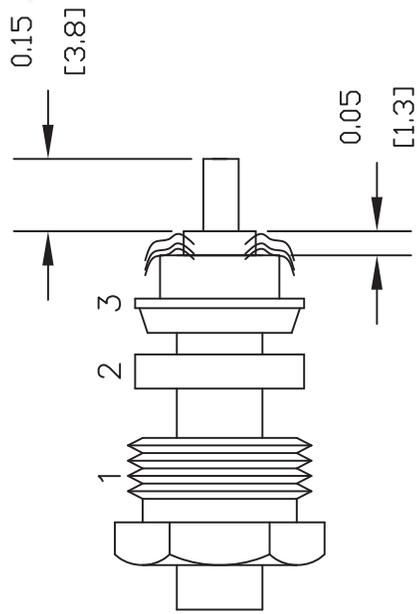


ASSEMBLY PROCEDURES

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.



DWG TITLE

PE4223

- 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. -

FSCM NO. 53919

CAD FILE 070302

SCALE N/A

SIZE A

127



Pasternack Enterprises, Inc.
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 Website: www.pasternack.com | E-Mail: sales@pasternack.com



SC Male Connector Clamp/Solder Attachment for RG213, RG214, RG8, RG9, RG225, RG393, RG215

RF Connectors Technical Data Sheet

PE4520

Configuration

- SC Male Connector
- MIL-STD-348
- 50 Ohms
- Straight Body Geometry
- RG213, RG214, RG8, RG9, RG225, RG393, RG215 Interface Type
- Clamp/Solder Attachment

Features

- Max. Operating Frequency 11 GHz
- Silver Plated Contact
- Contact plating according to QQ-S-365

Applications

- General Purpose Test
- Custom Cable Assemblies

Description

Pasternack's PE4520 SC male 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. Our SC male connector operates up to a maximum frequency of 11 GHz.

Our SC male connector PE4520 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		11	GHz
Operating Voltage (AC)			1,000	Vrms
Dielectric Withstanding Voltage (AC)			3,000	Vrms
Insulation Resistance	5,000			MOhms

Mechanical Specifications

Size

- Length 1.5 in [38.1 mm]
- Width/Dia. 0.8 in [20.32 mm]
- Weight 0.11 lbs [49.9 g]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [SC Male Connector Clamp/Solder Attachment for RG213, RG214, RG8, RG9, RG225, RG393, RG215 PE4520](#)



SC Male Connector Clamp/Solder Attachment for RG213, RG214, RG8, RG9, RG225, RG393, RG215

RF Connectors Technical Data Sheet

PE4520

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

Environmental Specifications

Temperature

Operating Range

-65 to +165 deg C

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

Plotted and Other Data

Notes:

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URL: <https://www.pasternack.com/sc-male-standard-rg213-rg214-rg8-rg9-rg225-rg393-connector-pe4520-p.aspx>

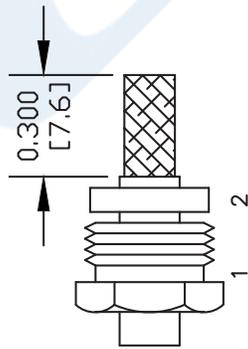
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PE4520 CAD Drawing

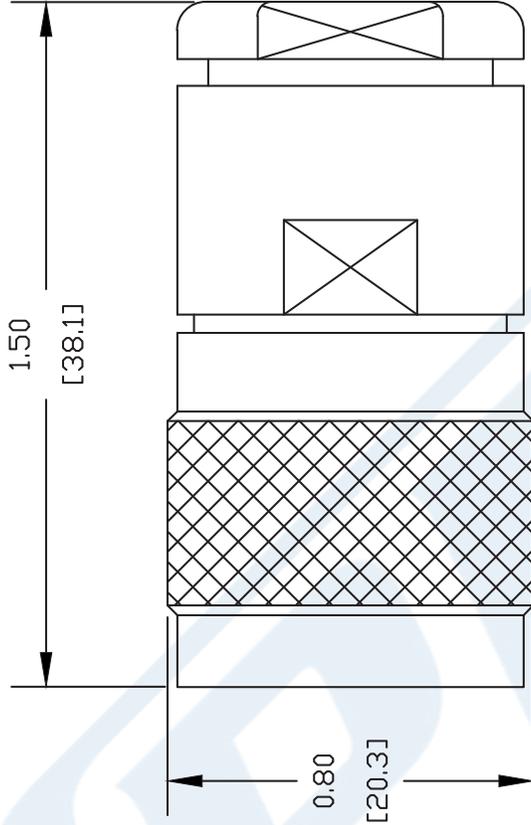
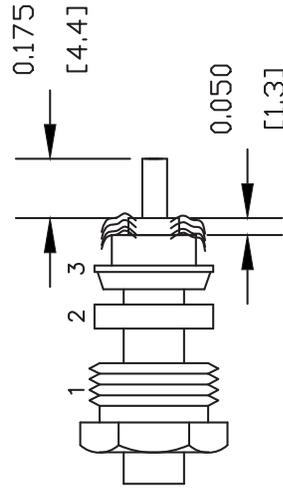
SC Male Connector Clamp/Solder Attachment for RG213,
RG214, RG8, RG9, RG225, RG393, RG215

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.



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DWG TITLE

PE4520

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

FSCM NO. 53919

CAD FILE 052102

SCALE N/A

SIZE A

XXXX

PE PASTERNAK®

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



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	Copper, Silver
Dielectric Type	PTFE
Shield Materials	Silver Plated Copper Braid, Silver Plated Copper Braid
Jacket Material and Color	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.

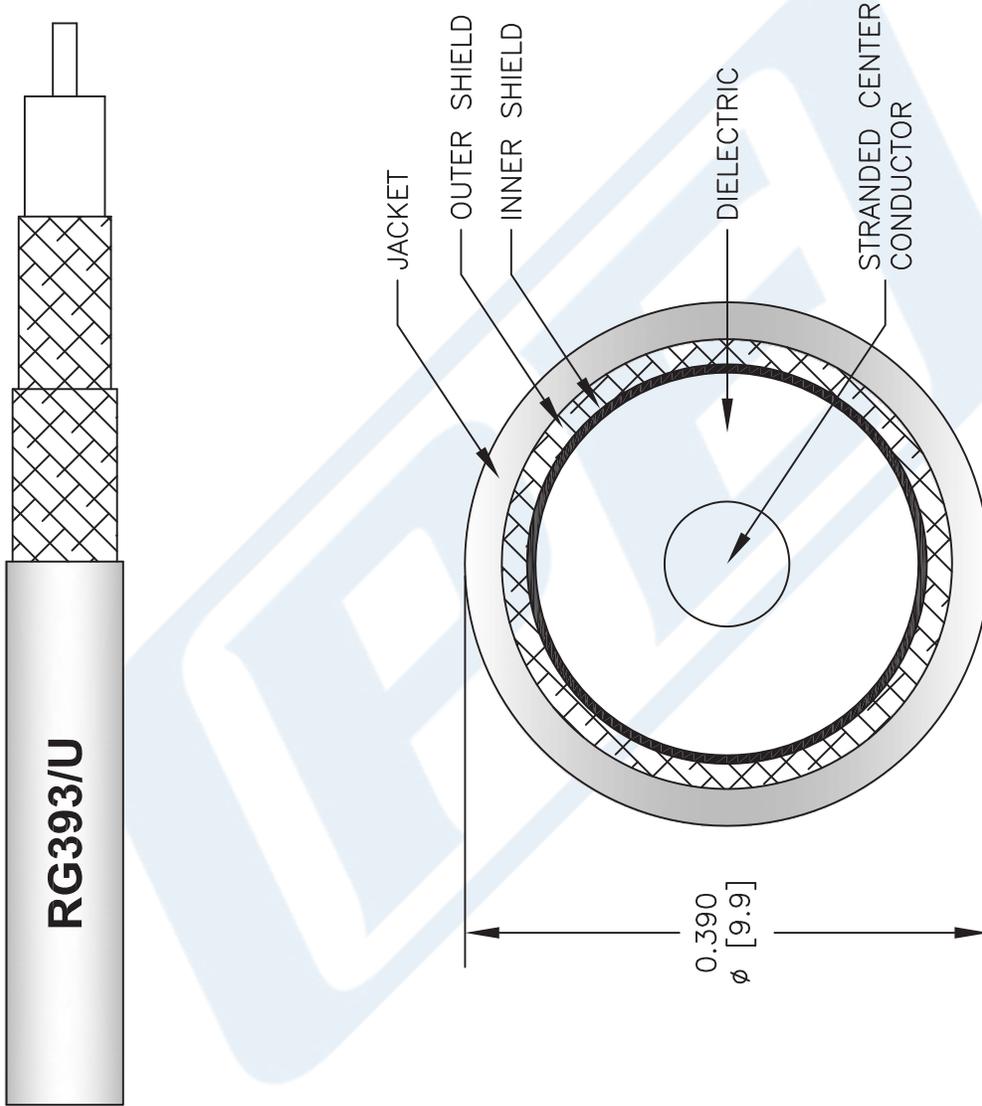
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URL: <http://www.pasternack.com/flexible-0.390-rg393-50-ohm-coax-cable-fep-jacket-rg393-u-p.aspx>

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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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