



TNC Female Bulkhead Mount Connector Crimp/Solder Attachment for RG58, RG303, RG141, PE-C195, PE-P195, LMR-195, 0.195 inch, .480 inch D Hole

RF Connectors Technical Data Sheet

PE4151

Configuration

- TNC Female Connector
- MIL-STD-348A
- 50 Ohms
- Straight Body Geometry
- RG58, RG303, RG141, PE-C195, PE-P195, LMR-195, 0.195 inch Interface Type
- Crimp/Solder Attachment
- Bulkhead

Features

- Max. Operating Frequency 4 GHz
- Good VSWR of 1.5:1
- Gold Plated Brass Contact
- 30 µin minimum contact plating

Applications

- General Purpose Test
- Rack and Panel Mount Applications
- Custom Cable Assemblies

Description

Pasternack's PE4151 TNC female bulkhead connector with crimp/solder attachment for RG58, RG303, RG141, PE-C195, PE-P195, LMR-195 and 0.195 inch (.480 inch D hole) is part of our full line of RF components available for same-day shipping. Our TNC female connector operates up to a maximum frequency of 4 GHz and offers good VSWR of 1.5:1. This TNC bulkhead connector allows designers to create external connections on their product enclosures, and can be used in a variety of other rack mount and panel mount applications.

Our TNC female bulkhead connector PE4151 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		4	GHz
VSWR			1.5:1	
Operating Voltage (AC)			500	Vrms

Mechanical Specifications

Size	
Length	1.42 in [36.07 mm]
Width/Dia.	0.689 in [17.50 mm]
Weight	0.039 lbs [17.69 g]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [TNC Female Bulkhead Mount Connector Crimp/Solder Attachment for RG58, RG303, RG141, PE-C195, PE-P195, LMR-195, 0.195 inch, .480 inch D Hole PE4151](#)



TNC Female Bulkhead Mount Connector Crimp/Solder Attachment for RG58, RG303, RG141, PE-C195, PE-P195, LMR-195, 0.195 inch, .480 inch D Hole

RF Connectors Technical Data Sheet

PE4151

Material Specifications

Description	Material	Plating
Contact	Brass	Gold 30 µin minimum
Insulation	PTFE	
Body	Brass	Nickel 100 µin minimum

Environmental Specifications

Temperature

Operating Range -65 to +165 deg C

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

Plotted and Other Data

Notes:

TNC Female Bulkhead Mount Connector Crimp/Solder Attachment for RG58, RG303, RG141, PE-C195, PE-P195, LMR-195, 0.195 inch, .480 inch D Hole 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.

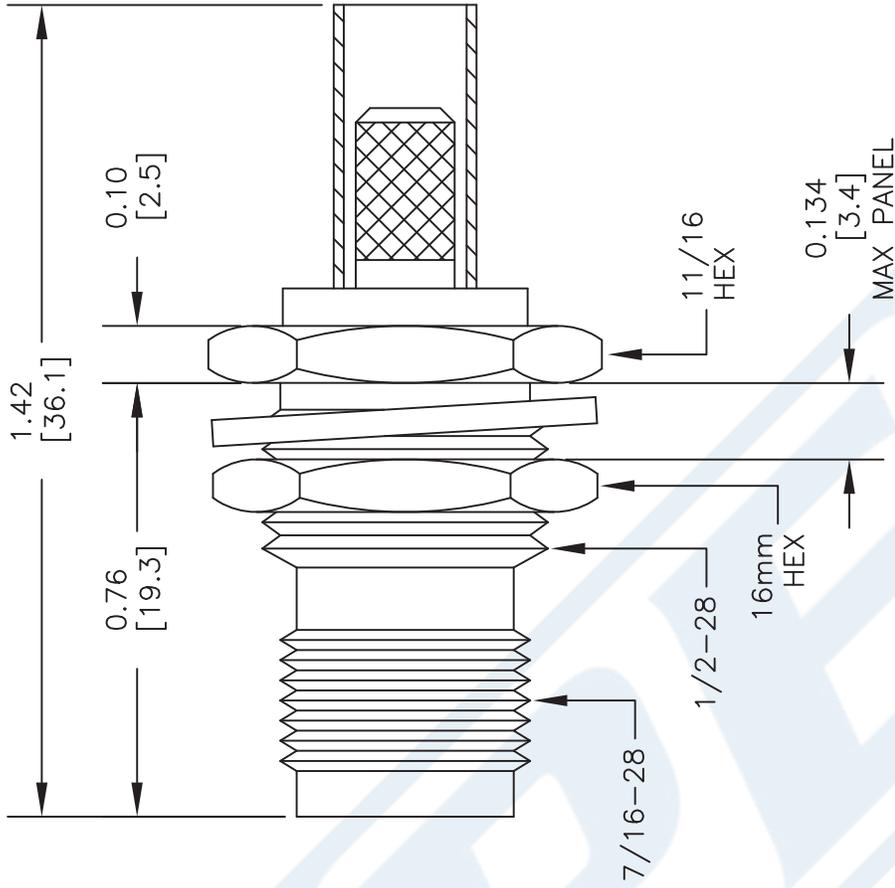
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URL: <https://www.pasternack.com/tnc-female-standard-rg58-connector-pe4151-p.aspx>

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.

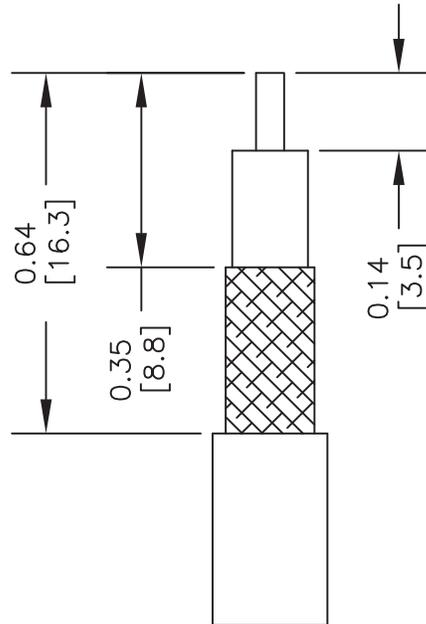
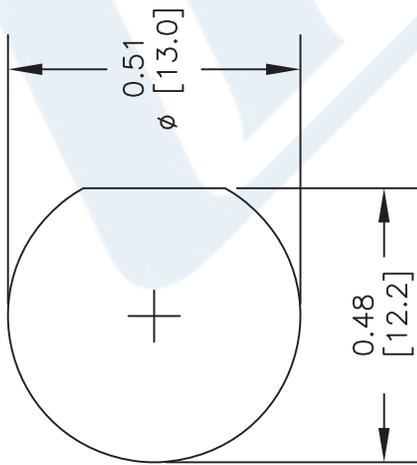
PE4151 CAD Drawing

TNC Female Bulkhead Mount Connector Crimp/Solder Attachment for RG58, RG303, RG141, PE-C195, PE-P195, LMR-195, 0.195 inch, .480 inch D Hole



CRIMP SIZE REQUIRED

CONTACT: .068" HEX CRIMP TOOL
 FERRULE: .213" HEX CRIMP TOOL



DWG TITLE

PE4151

- 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.

FSCM NO. 53919

CAD FILE 112712-D

SCALE N/A

SIZE A

2233



Pasternack Enterprises, Inc.
 P.O. Box 16759 | Irvine | CA | 92623
 Phone: (949) 261-1920 | Fax: (949) 261-7451
 Website: www.pasternack.com | E-Mail: sales@pasternack.com



RP SMA Male Connector Crimp/Solder Attachment for RG58

TECHNICAL DATA SHEET

PE4769

Configuration

Connector	SMA Male Reverse Polarity
Connector Interface Type	RG58
Attachment Method (Shield/Contact)	Crimp/Solder
Body Style	Straight

Electrical Specifications

Impedance	50 Ohms
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Mechanical Specifications

Weight	0.013 lbs [5.9 g]
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Connector

Type	SMA Male Reverse Polarity
Body Material and Plating	Brass, Nickel

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

RoHS Compliant

Plotted and Other Data

Notes:

- Values at +25 °C, sea level

RP SMA Male Connector Crimp/Solder Attachment for RG58 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.

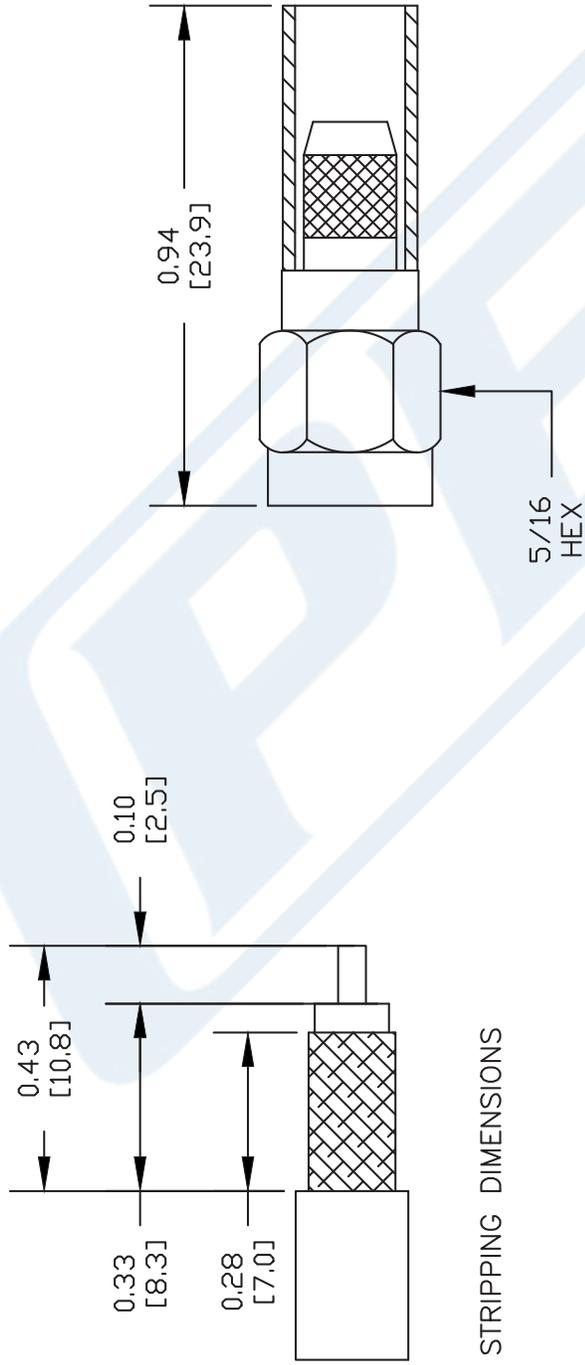
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [RP SMA Male Connector Crimp/Solder Attachment for RG58 PE4769](http://www.pasternack.com/sma-male-reverse-polarity-rg58-connector-pe4769-p.aspx)

URL: <http://www.pasternack.com/sma-male-reverse-polarity-rg58-connector-pe4769-p.aspx>

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PE4769 CAD Drawing

RP SMA Male Connector Crimp/Solder Attachment for RG58



STRIPPING DIMENSIONS

CRIMP SIZE REQUIRED

CONTACT: SOLDER
FERRULE: .213" HEX CRIMP TOOL

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

DWG TITLE
PE4769

REV. -	FSCM NO. 53919	CAD FILE 060602	SCALE N/A	SIZE A	127
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 Pasternack Enterprises, Inc.
 P.O. Box 16759 | Irvine | CA | 92623
 Phone: (949) 261-1920 | Fax: (949) 261-7451
 Website: www.pasternack.com | E-Mail: sales@pasternack.com



Flexible RG141 Coax Cable Single Shielded with Beige PTFE (Fiberglass reinforced) Jacket

RF Cables Technical Data Sheet

RG141A/U

Configuration

- Flexible Cable
- 1 Shield(s)

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		10	GHz
Impedance		50 ±2		Ohms
Velocity of Propagation		70		%
Dielectric Withstanding Voltage (AC)			5,000	Vrms
Jacket Spark			2,000	Vrms
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	1.2	3.9	13	36	62	dB/100ft
	3.94	12.8	42.65	118.11	203.41	

Mechanical Specifications

Diameter	0.19 in [4.83 mm]
Weight	0.033 lbs/ft [0.05 Kg/m]

Construction Specifications

Description	Material and Plating	Diameter
Inner Conductor	Copper Clad Steel, Silver, 1 Strands	0.037 in [0.94 mm]
Conductor Type	Solid	
Dielectric	PTFE	0.116 in [2.95 mm]
First Shield	Silver Plated Copper	

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Flexible RG141 Coax Cable Single Shielded with Beige PTFE \(FG\) Jacket RG141A/U](#)



Flexible RG141 Coax Cable Single Shielded with Beige PTFE (Fiberglass reinforced) Jacket

RF Cables Technical Data Sheet

RG141A/U

Jacket	PTFE (FG), Beige	0.19 in [4.83 mm]
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Environmental Specifications

Temperature

Operating Range -55 to +200 deg C

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

Plotted and Other Data

Notes:

Flexible RG141 Coax Cable Single Shielded with Beige PTFE (Fiberglass reinforced) 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.

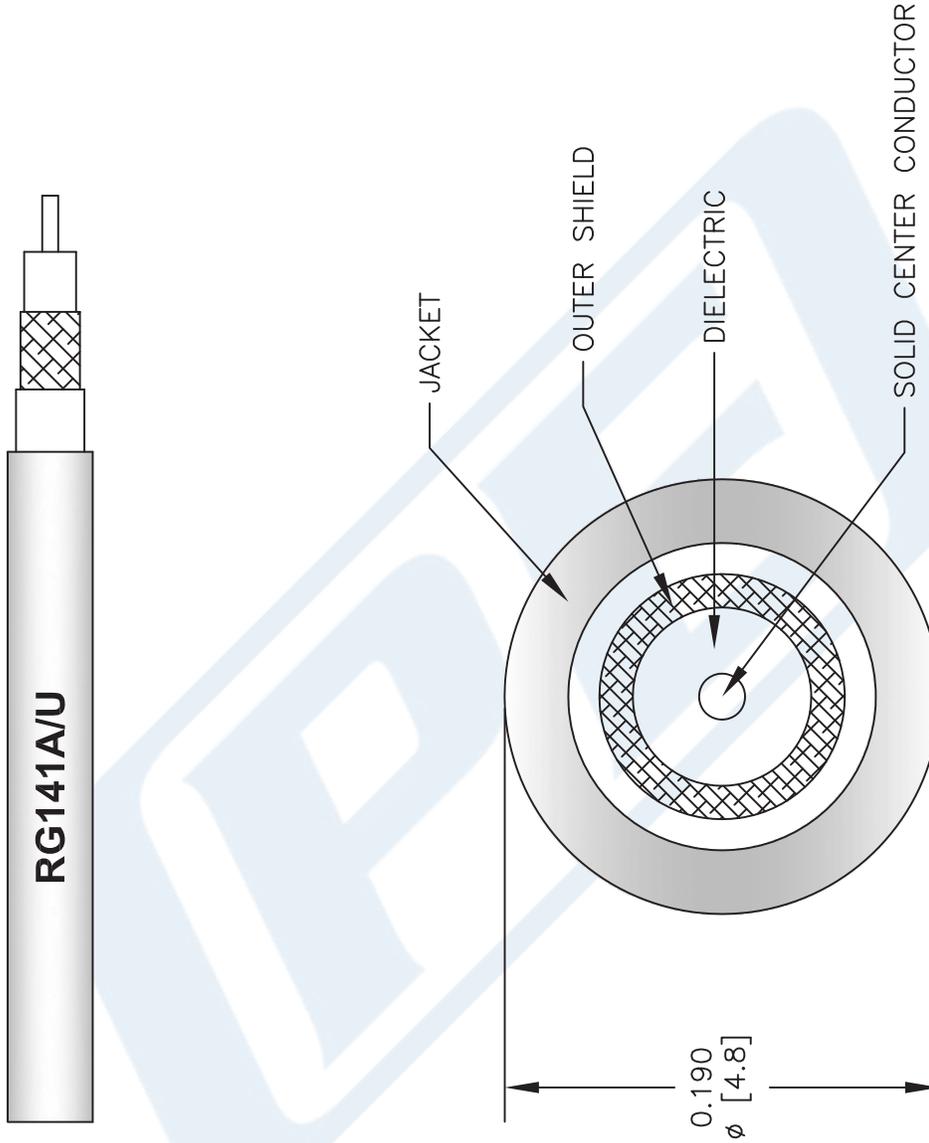
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Flexible RG141 Coax Cable Single Shielded with Beige PTFE \(FG\) Jacket RG141A/U](#)

URL: <https://www.pasternack.com/flexible-0.190-rg141-50-ohm-coax-cable-ptfe-fr-jacket-rg141a-u-p.aspx>

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RG141A/U CAD Drawing

Flexible RG141 Coax Cable Single Shielded with Beige PTFE (Fiberglass reinforced) Jacket



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DWG TITLE
RG141A/U

REV. A FSCM NO. 53919

SCALE N/A

SIZE A

CAD FILE 022808-A

147

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Pasternack Enterprises, Inc.
P.O. Box 16759 | Irvine | CA | 92623
Phone: (949) 261-1920 | Fax: (949) 261-7451
Website: www.pasternack.com | E-Mail: sales@pasternack.com