



75 Ohm 1.6/5.6 Plug Connector Crimp/ Solder Attachment For RG179, RG187

TECHNICAL DATA SHEET

PE44262

75 Ohm 1.6/5.6 Plug Connector Crimp/Solder Attachment For RG179, RG187

Configuration

Connector	1.6/5.6 Plug
Connector Interface Type	RG179, RG187
Cable Attachment Method (Shield/Contact)	Crimp/Solder
Body Style	Straight

Electrical Specifications

Impedance, Ohms	75
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Mechanical Specifications

Size

Length, in [mm]	1.09 [27.69]
Width/Dia., in [mm]	0.425 [10.80]
Weight, lbs [g]	0.013 [5.9]

Connector

Type	1.6/5.6 Plug
Contact Material and Plating	Brass, Gold
Contact Plating Specification	3μ-5μ in. minimum
Coupling Nut Material and Plating	Brass, Nickel
Coupling Nut Plating Specification	100μ 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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75 Ohm 1.6/5.6 Plug Connector Crimp/Solder Attachment For RG179, RG187 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.

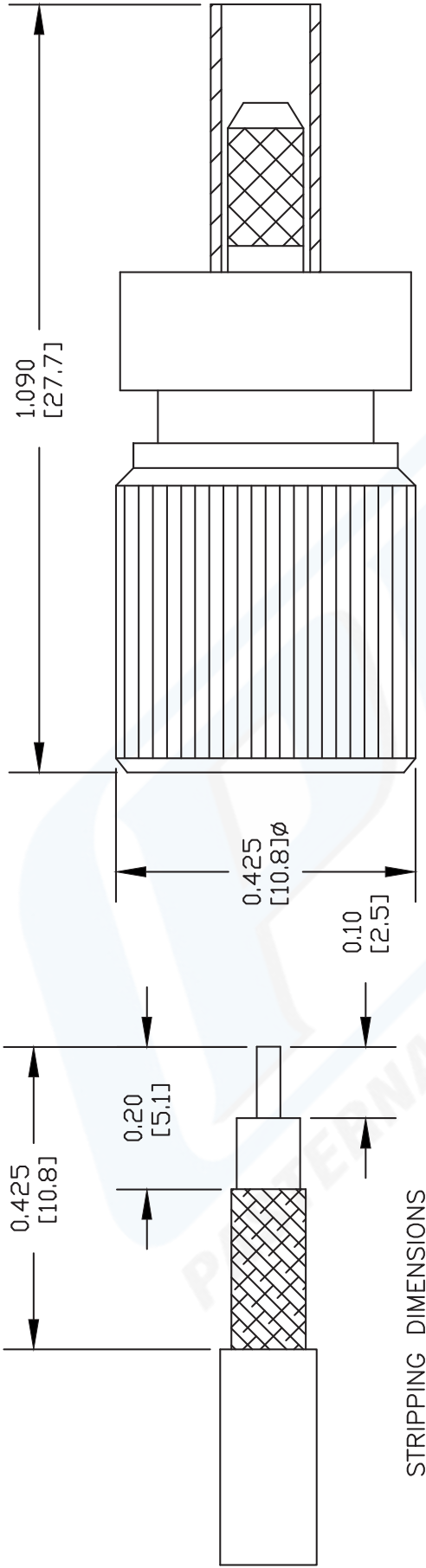
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [75 Ohm 1.6/5.6 Plug Connector Crimp/Solder Attachment For RG179, RG187 PE44262](http://www.pasternack.com/1.6-5.6-plug-standard-rg179-rg187-connector-pe44262-p.aspx)

URL: <http://www.pasternack.com/1.6-5.6-plug-standard-rg179-rg187-connector-pe44262-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.

PE44262 CAD Drawing

75 Ohm 1.6/5.6 Plug Connector Crimp/Solder Attachment For RG179, RG187



CRIMP SIZE REQUIRED

CONTACT: SOLDER
FERRULE: .128" HEX CRIMP TOOL

- 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		FSCM NO. 53919		CAD FILE 071202		SCALE N/A		SIZE A		XXXX	
PE44262											



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75 Ohm F Female Bulkhead Mount Connector Crimp/Solder
Attachment for RG179, RG187, .380 inch DD Hole

RF Connectors Technical Data Sheet

PE44326

Configuration

- F Female Connector
- 75 Ohms
- Straight Body Geometry
- RG179, RG187 Interface Type
- Crimp/Solder Attachment
- Bulkhead

Features

- Gold Plated Brass Contact
- 30 µin minimum contact plating

Applications

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

Description

Pasternack's PE44326 75 ohm type F female bulkhead connector with crimp/solder attachment for RG179 and RG187 (.380 inch DD hole) is part of our full line of RF components available for same-day shipping. This type F 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 75 ohm type F female bulkhead connector PE44326 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	1.245 in [31.62 mm]
Width/Dia.	0.509 in [12.93 mm]
Weight	0.11 lbs [49.9 g]

Material Specifications

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

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [75 Ohm F Female Bulkhead Mount Connector Crimp/Solder Attachment for RG179, RG187, .380 inch DD Hole PE44326](#)



75 Ohm F Female Bulkhead Mount Connector Crimp/Solder Attachment for RG179, RG187, .380 inch DD Hole

RF Connectors Technical Data Sheet

PE44326

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

Plotted and Other Data

Notes:

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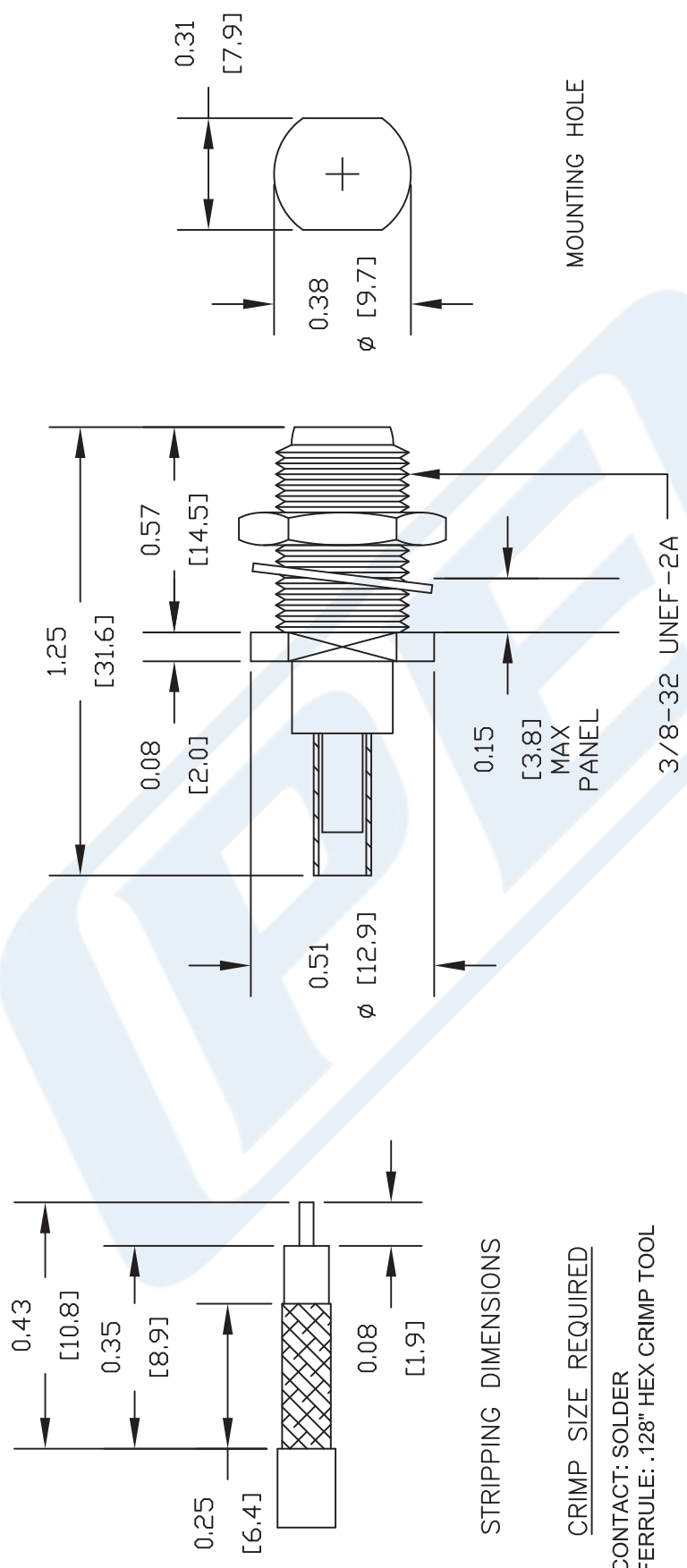
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URL: <https://www.pasternack.com/f-female-standard-rg179-rg187-connector-pe44326-p.aspx>

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PE44326 CAD Drawing

75 Ohm F Female Bulkhead Mount Connector Crimp/Solder
Attachment for RG179, RG187, .380 inch DD Hole



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DWG TITLE
PE44326

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REV. - FSCM NO. 53919

CAD FILE 120203 SCALE N/A SIZE A 127

75 Ohm Flexible RG179 Coax Cable Single
Shielded with Tan FEP Jacket

RF Cables Technical Data Sheet

RG179B/U

Configuration

- Flexible Cable
- 1 Shield(s)

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		3	GHz
Impedance		75		Ohms
Velocity of Propagation		70		%
Operating Voltage (AC)			900	Vrms
Nominal Capacitance		19.4 [63.65]		pF/ft [pF/m]

Performance by Frequency Band

Description	F1	F2	F3	F4	F5	Units
Frequency	100	400	1,000			MHz
Attenuation, Typ	9.06	18.4	30			dB/100ft
	29.72	60.37	98.43			dB/100m

Mechanical Specifications

Diameter	0.1 in [2.54 mm]
Weight	0.01 lbs/ft [0.01 Kg/m]
Min. Bend Radius (Repeated)	0.4 in [10.16 mm]

Construction Specifications

Description	Material and Plating	Diameter
Inner Conductor	Copper Clad Steel, Silver, 7 Strands	0.012 in [0.3 mm]
Conductor Type	Stranded	
Dielectric	PTFE	0.063 in [1.6 mm]
First Shield	Silver Plated Copper Braid	0.08 in [2.03 mm]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [75 Ohm Flexible RG179 Coax Cable Single Shielded with Tan FEP Jacket RG179B/U](#)

75 Ohm Flexible RG179 Coax Cable Single Shielded with Tan FEP Jacket

RF Cables Technical Data Sheet

RG179B/U

Jacket	FEP, Tan	0.1 in [2.54 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:

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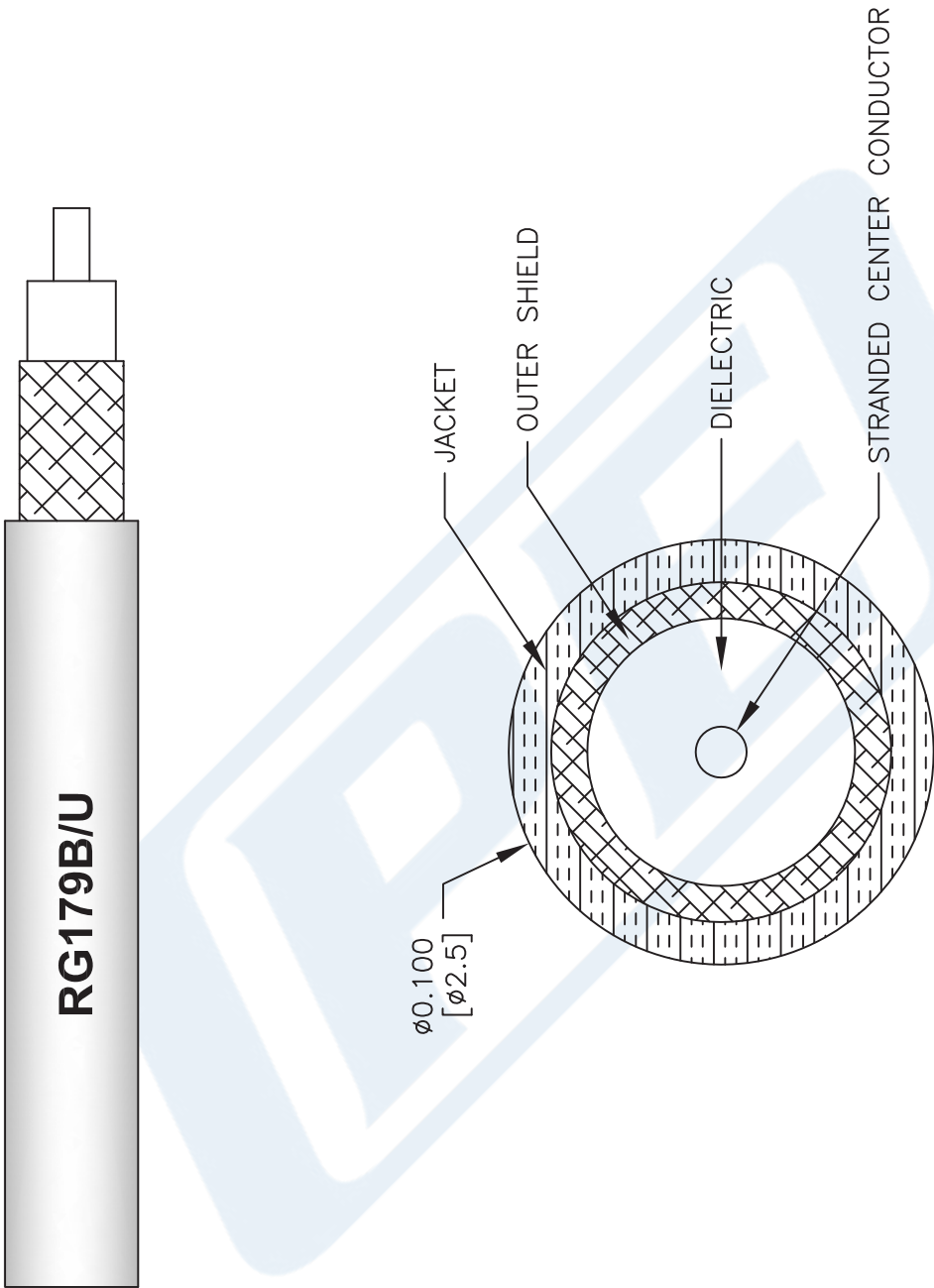
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URL: <https://www.pasternack.com/flexible-0.100-rg179-75-ohm-coax-cable-fep-jacket-rg179b-u-p.aspx>

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RG179B/U CAD Drawing

75 Ohm Flexible RG179 Coax Cable Single Shielded with Tan FEP Jacket



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DWG TITLE
RG179B/U

FSCM NO. 53919

CAD FILE 111716

SCALE N/A

SIZE A

41742

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