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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

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

Plotted and Other Data

Notes:	Values at 25 °C, sea level

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

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

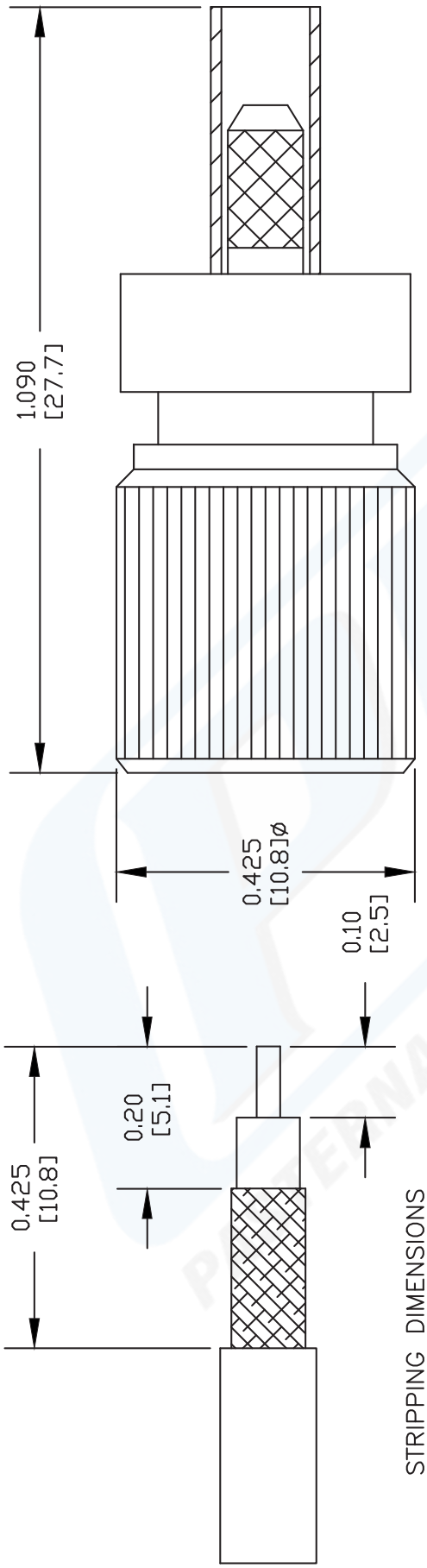
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PE44262 CAD Drawing

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



STRIPPING DIMENSIONS

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	CAD FILE	SCALE	SIZE	XXXX
PE44262	071202	N/A	A	

FSCM NO. 53919

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75 Ohm 1.6/5.6 Jack Right Angle Bulkhead Connector Crimp/ Solder Attachment For RG179, RG187, .362 inch DD Hole

TECHNICAL DATA SHEET PE44268

75 Ohm 1.6/5.6 Jack Right Angle Bulkhead Connector Crimp/Solder Attachment For RG179, RG187, .362 inch DD Hole

Configuration

Connector	1.6/5.6 Jack
Connector Interface Type	RG179,RG187
Cable Attachment Method (Shield/Contact)	Crimp/Solder
Body Style	Right Angle
Mount Method	Bulkhead

Electrical Specifications

Impedance, Ohms	75

Mechanical Specifications

Size

Length, in [mm]	1.035 [26.29]
Width/Dia., in [mm]	0.433 [11.00]
Height, in [mm]	0.705 [17.91]
Weight, lbs [g]	0.027 [12.25]

Connector

Type	1.6/5.6 Jack
Contact Material and Plating	Beryllium Copper, 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

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 Jack Right Angle Bulkhead Connector Crimp/Solder Attachment For RG179, RG187, .362 inch DD Hole PE44268

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75 Ohm 1.6/5.6 Jack Right Angle Bulkhead Connector Crimp/ Solder Attachment For RG179, RG187, .362 inch DD Hole

TECHNICAL DATA SHEET PE44268

Plotted and Other Data

Notes: Values at 25 °C, sea level

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URL: http://www.pasternack.com/1.6-5.6-jack-standard-rg179-rg187-connector-pe44268-p.aspx

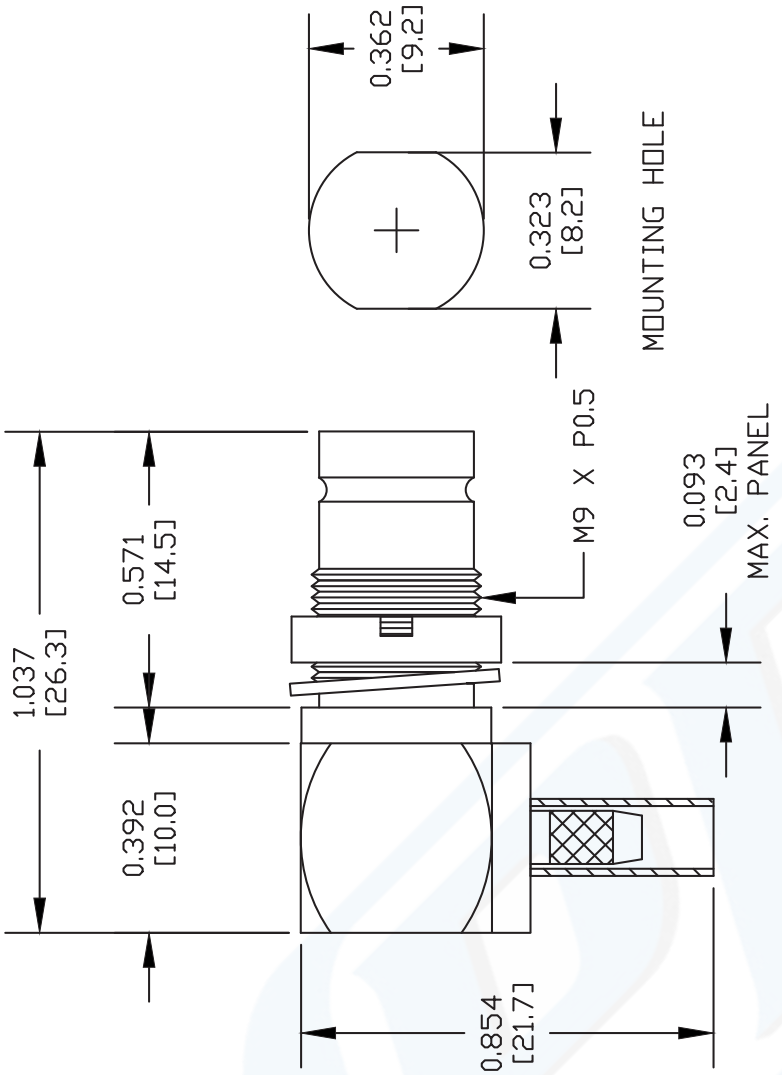
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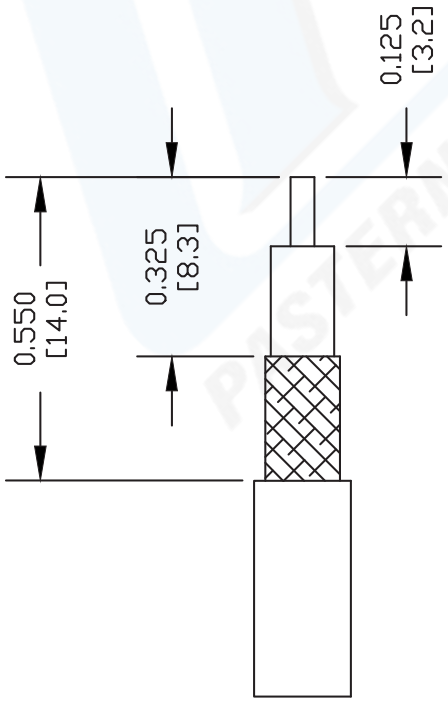
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PE44268 CAD Drawing

75 Ohm 1.6/5.6 Jack Right Angle Bulkhead Connector Crimp/
Solder Attachment For RG179, RG187, .362 inch DD Hole





STRIPPING DIMENSIONS

ASSEMBLY PROCEDURES

1. STRIP CABLE AS SHOWN. SLIDE FERRULE OVER CABLE
2. INSTALL CABLE INTO BODY OF. CONNECTOR AND SOLDER CENTER CONDUCTOR IN PLACE.
3. CRIMP FERRULE, INSERT INSULATOR & SCREW CAP.

CRIMP SIZE REQUIRED

FERRULE: .128" HEX CRIMP TOOL

NOTES:
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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.

CAD FILE	070202	SCALE N/A	SIZE A	127

DWG TITLE **PE44268**

FSCM NO. 53919

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PASTERNACK
THE ENGINEER'S RF SOURCE

75 Ohm Flexible RG187 Coax Cable Single Shielded with White PTFE Jacket

RF Cables
Technical Data Sheet

RG187A/U

Configuration

- Flexible Cable
- 1 Shield(s)

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		3	GHz
Impedance		75 ±7		Ohms
Velocity of Propagation		70		%
Operating Voltage (AC)			2,000	Vrms
Dielectric Withstanding Voltage (AC)			2,000	Vrms
Inner Conductor DC Resistance			245	Ohms/1000ft
Nominal Capacitance		19.5 [63.98]		pF/ft [pF/m]

Performance by Frequency Band

Description	F1	F2	F3	F4	F5	Units
Frequency	400					MHz
Attenuation, Typ	21 68.9					dB/100ft dB/100m
Input Power (CW), Max	1.4					kWatts

Mechanical Specifications

Diameter	0.102 in [2.59 mm]
Weight	0.02 lbs/ft [0.03 Kg/m]

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]

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 RG187 Coax Cable Single Shielded with White PTFE Jacket RG187A/U

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75 Ohm Flexible RG187 Coax Cable Single Shielded with White PTFE Jacket

First Shield	Silver Plated Copper Braid	0.081 in [2.06 mm]
Jacket	PTFE, White	0.102 in [2.59 mm]

Environmental Specifications

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

75 Ohm Flexible RG187 Coax Cable Single Shielded with White PTFE 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: 75 Ohm Flexible RG187 Coax Cable Single Shielded with White PTFE Jacket RG187A/U

URL: https://www.pasternack.com/flexible-0.110-rg187-75-ohm-coax-cable-ptfe-jacket-rg187a-u-p.aspx

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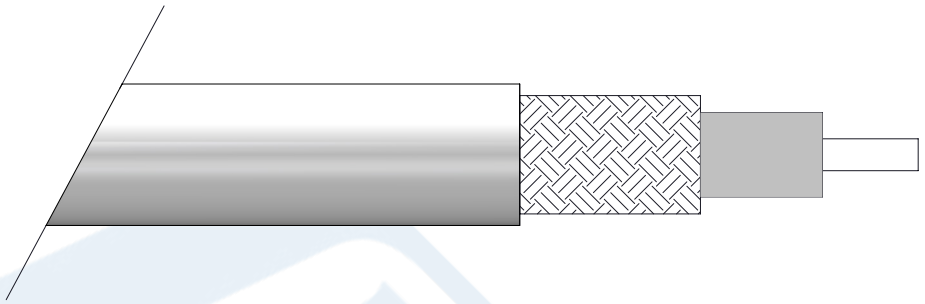
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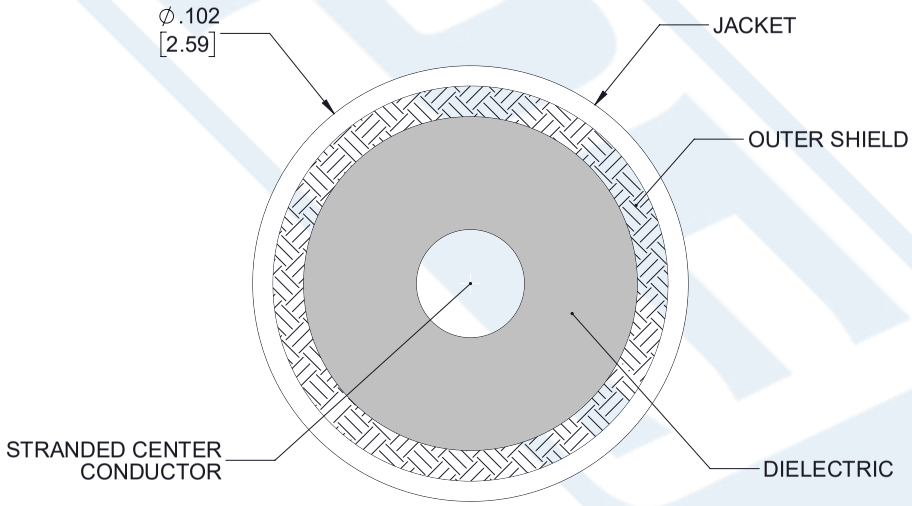
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RG187A/U CAD Drawing

75 Ohm Flexible RG187 Coax Cable Single Shielded with White PTFE Jacket





SECTION VIEW

STANDARD TOLERANCES	
.X	±0.2
.XX	±0.01
.XXX	±0.005

*STANDARD TOLERANCES APPLY ONLY TO DIMENSIONS IN INCHES

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DWG TITLE

RG187A/U

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CAGE CODE 53919	CAD FILE 05/11/18	SCALE N/A	SIZE A	7361