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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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Plotted and Other Data

Notes: Values at 25 °C, sea level

75 Ohm 1.6/5.6 Jack Right Angle Bulkhead Connector Crimp/Solder Attachment For RG179, RG187, .362 inch DD Hole 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/1.6-5.6-jack-standard-rg179-rg187-connector-pe44268-p.aspx

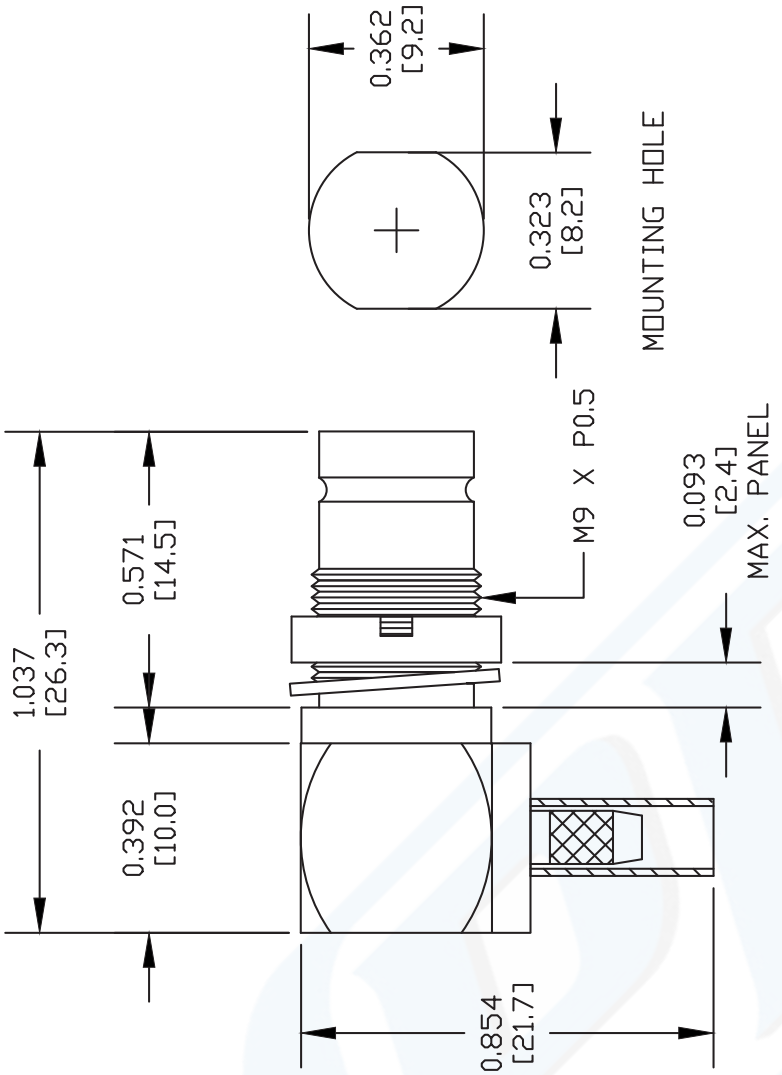
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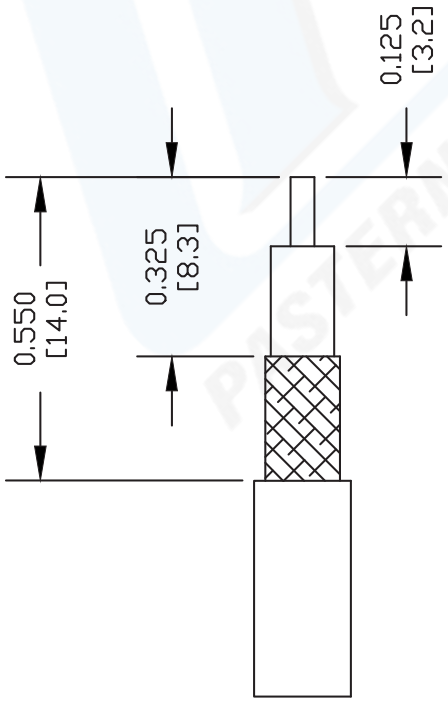
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PE44268 CAD Drawing

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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:
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.

CAD FILE	070202	SCALE N/A	SIZE A	127

DWG TITLE **PE44268**

FSCM NO. 53919

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PASTERNACK
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75 Ohm SMB Plug Connector Crimp/Solder Attachment for RG179, RG187



RF Connectors Technical Data Sheet PE4248

Configuration

- SMB Plug Connector
- 75 Ohms
- Straight Body Geometry
- RG179, RG187 Interface Type
- Crimp/Solder Attachment

Features

- Max. Operating Frequency 1,000 MHz
- Gold Plated Beryllium Copper Contact
- 30 µin minimum contact plating

Applications

- General Purpose Test
- Custom Cable Assemblies

Description

Pasternack's PE4248 75 ohm SMB plug connector with crimp/solder attachment for RG179 and RG187 is part of our full line of RF components available for same-day shipping. Our SMB plug connector operates up to a maximum frequency of 1,000 MHz.

Our 75 ohm SMB plug connector PE4248 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		1,000	MHz
Operating Voltage (AC)			335	Vrms
Inner Conductor DC Resistance			6	mOhms
Outer Conductor DC Resistance			1	mOhms
Insulation Resistance	5,000			MOhms

Mechanical Specifications

Size

Length	0.818 in [20.78 mm]
Width/Dia.	0.366 in [9.30 mm]
Weight	0.011 lbs [4.99 g]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: 75 Ohm SMB Plug Connector Crimp/Solder Attachment for RG179, RG187 PE4248

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75 Ohm SMB Plug Connector Crimp/Solder Attachment for RG179, RG187

Material Specifications

Description	Material	Plating
Contact	Beryllium Copper	Gold 30 µin minimum
Insulation	PTFE	
Body	Brass	Nickel 2.5 µin minimum
Crimp Sleeve	Brass	Nickel

Environmental Specifications

Temperature

Operating Range -65 to +165 deg C

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

75 Ohm SMB Plug Connector Crimp/Solder Attachment for RG179, RG187 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: 75 Ohm SMB Plug Connector Crimp/Solder Attachment for RG179, RG187 PE4248

URL: https://www.pasternack.com/smb-plug-standard-rg179-rg187-connector-pe4248-p.aspx

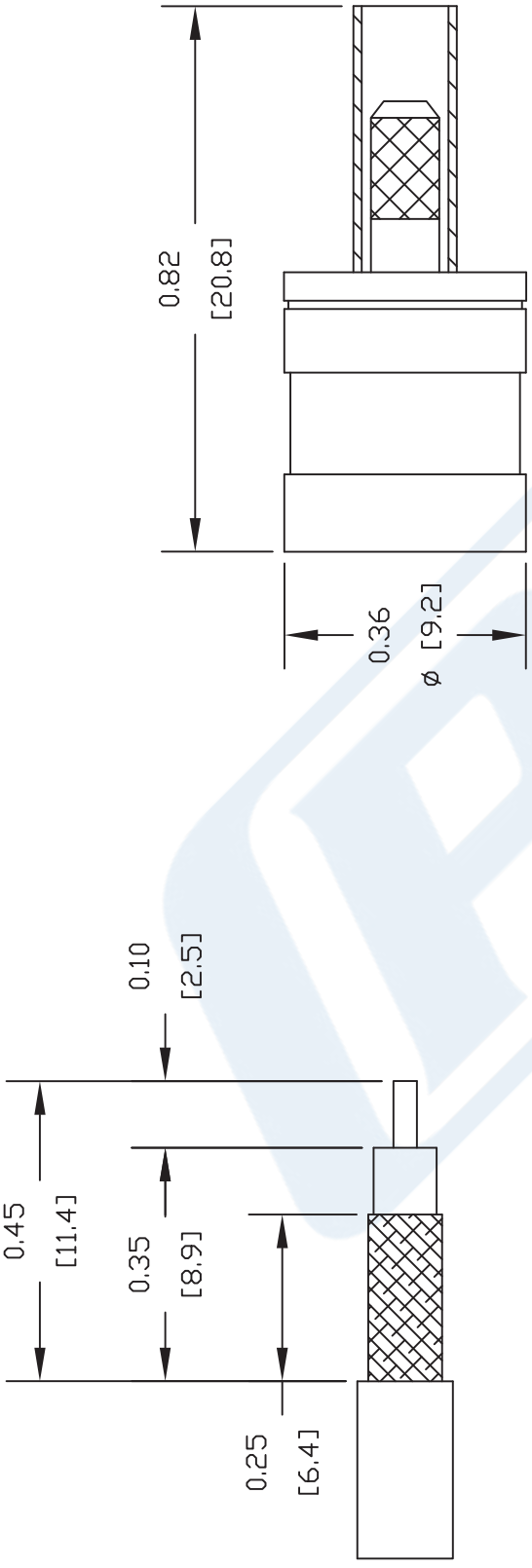
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PE4248 CAD Drawing

75 Ohm SMB Plug Connector Crimp/Solder Attachment for RG179, RG187



STRIPPING DIMENSIONS

CRIMP SIZE REQUIRED

CONTACT: SOLDER
FERRULE: .128" HEX CRIMP TOOL

NOTES:
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3. DIMENSIONS ARE IN INCHES [mm].
4. FITS MIL-C-17 AND EQUIVALENT CABLES.

DWG TITLE **PE4248**

REV. -	FSCM NO. 53919	CAD FILE 042309	SCALE N/A	SIZE A	147

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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

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

Jacket	FEP, Tan	0.1 in [2.54 mm]

Environmental Specifications

Temperature

Operating Range	-55 to +200 deg C

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

75 Ohm Flexible RG179 Coax Cable Single 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: 75 Ohm Flexible RG179 Coax Cable Single Shielded with Tan FEP Jacket RG179B/U

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

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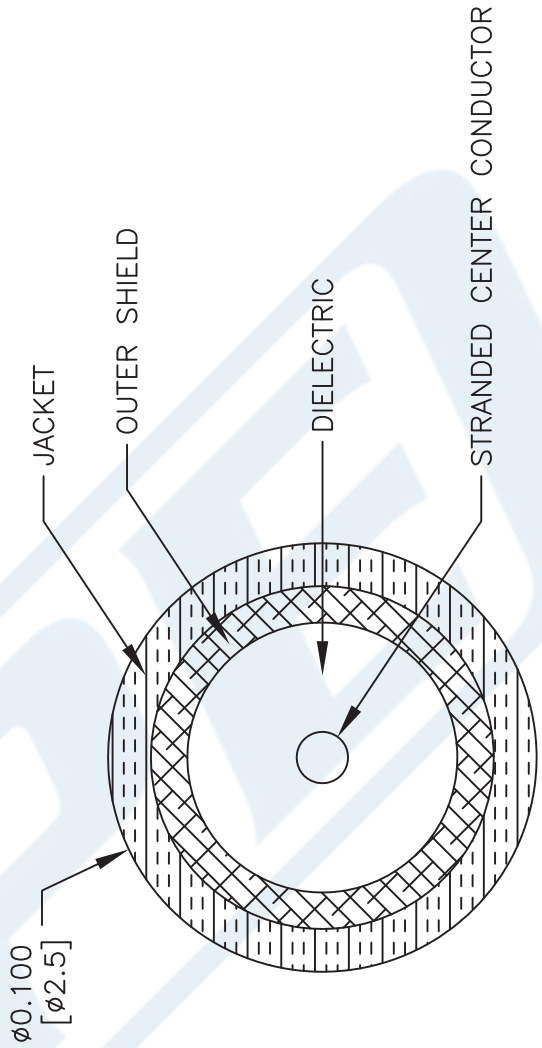
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RG179B/U CAD Drawing

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





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CAD FILE	SCALE	SIZE
111716	N/A	A

DWG TITLE: RG179B/U

FSCM NO. 53919

41742

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