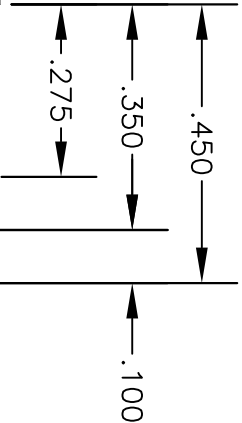
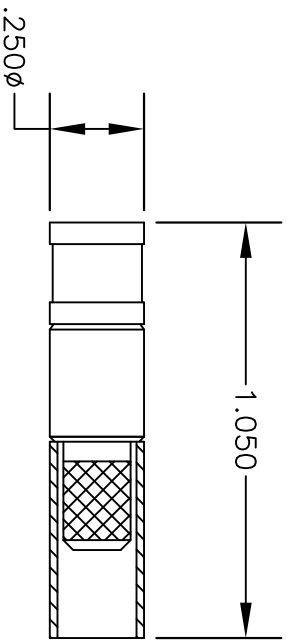


MATERIALS	
BODY	BRASS NICKEL PLATED
CONTACT	GOLD PLATED
INSULATOR	PTFE



STRIPPING DIMENSIONS

CRIMP SIZE REQUIRED
CONTACT: SOLDER
FERRULE: .213" HEX CRIMP TOOL



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ESTABLISHED 1972

PASTERNAK ENTERPRISES, INC.
P.O. BOX 16759, IRVINE, CA 92623
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WEB ADDRESS: www.pasternack.com
E-MAIL ADDRESS: sales@pasternack.com
COAXIAL & FIBER OPTICS

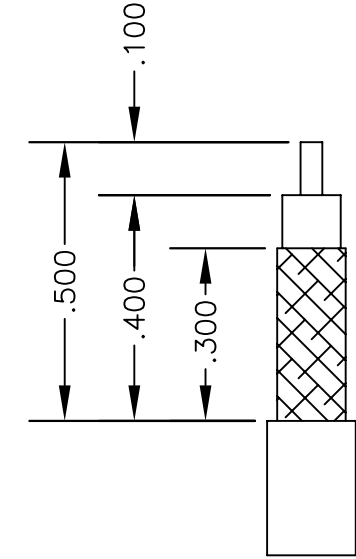
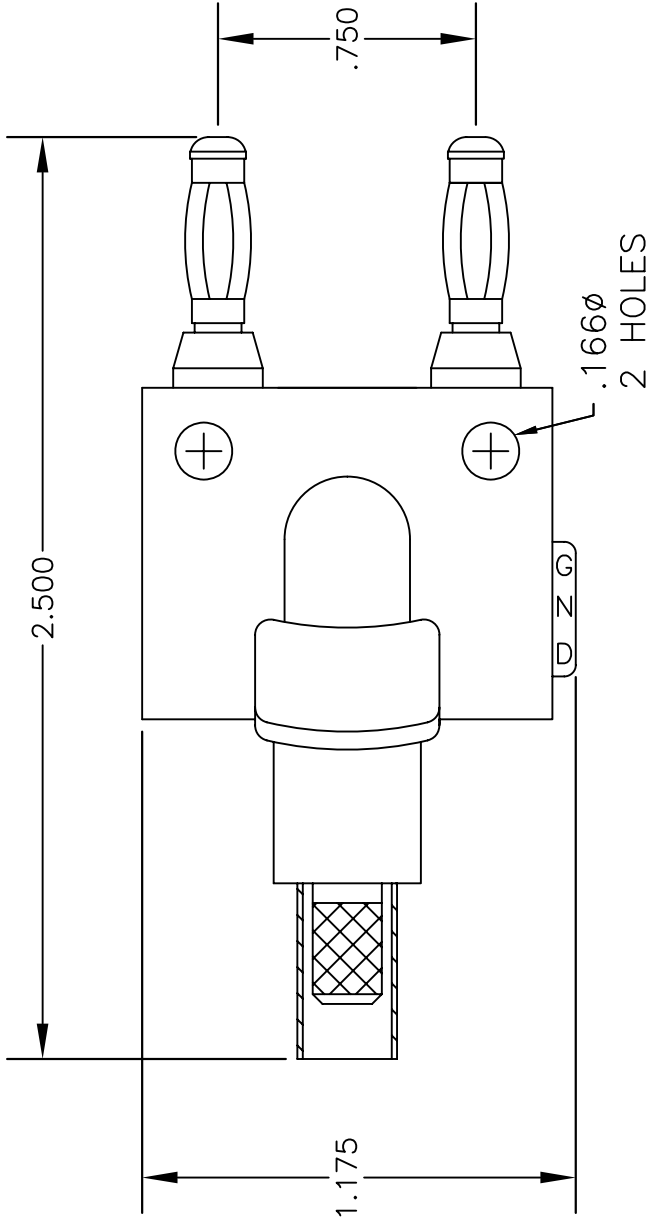
DES. SMB PLUG, CRIMP ATTACHMENT FOR RG55,
RG142, RG223 & RG400

DWG TITLE
PE4593

SIZE A FSCM NO. 53919 CAD FILE 060302 SCALE N/A 127

NOTES:
1. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE NOMINAL.
2. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME.

MATERIALS	
BODY	BRASS NICKEL PLATED
CONTACT	GOLD PLATED
INSULATOR	ABS
2 CONDUCTORS	BRASS NICKEL PLATED



STRIPPING DIMENSIONS

CRIMP SIZES REQUIRED

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



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COAXIAL & FIBER OPTICS

DWG TITLE		DES.	
PE4089		DOUBLE BANANA PLUG CRIMP ATTACHMENT FOR RG55, RG142, RG223 & RG400	
SIZE A	FSCM NO. 53919	CAD FILE	010305
		SCALE	N/A
			127

NOTES:

1. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE NOMINAL.
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Flexible RG142 Coax Cable Double Shielded with Tan FEP Jacket

TECHNICAL DATA SHEET

RG142B/U

Flexible RG142 Coax Cable Double Shielded with Tan FEP Jacket

Configuration

Inner Conductor Material and Plating	Copper Clad Steel, 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
Velocity of Propagation, %	69.2
Maximum Operating Frequency, GHz	8
RF Shielding, dB	90
Capacitance, pF/ft [pF/m]	29.4 [96.46]
Maximum Operating Voltage, Volts	1,900

Electrical Specifications by Frequency

Frequency 1

Frequency, MHz	100
Attenuation, dB/100ft [dB/100m]	3.9 [12.8]

Frequency 2

Frequency, MHz	1000
Attenuation, dB/100ft [dB/100m]	13 [42.65]

Frequency 3

Frequency, GHz	3
Attenuation, dB/100ft [dB/100m]	23.8 [78.08]

Frequency 4

Frequency, GHz	5
Attenuation, dB/100ft [dB/100m]	36 [118.11]

Mechanical Specifications

Temperature

Operating Range, deg C	-55 to +200
------------------------	-------------

Inner Conductor

Number of Strands	1
Material	Copper Clad Steel
Plating	Silver
Diameter, in [mm]	0.037 [0.94]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Flexible RG142 Coax Cable Double Shielded with Tan FEP Jacket RG142B/U](#)

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.



Flexible RG142 Coax Cable Double Shielded with Tan FEP Jacket

TECHNICAL DATA SHEET

RG142B/U

Dielectric:

Type	PTFE
Diameter, in [mm]	0.116 [2.95]

Shield:

Number of	2
Material 1	Silver Plated Copper Braid
Material 2	Silver Plated Copper Braid
Diameter, in [mm]	0.156 [3.96]

Jacket:

Material	FEP
Diameter, in [mm]	0.195 [4.95]
Color	Tan
One Time Minimum Bend Radius, in [mm]	0.984 [24.99]
Repeated Minimum Bend Radius, in [mm]	2 [50.8]
Weight, lbs/ft [Kg/m]	0.046 [0.07]

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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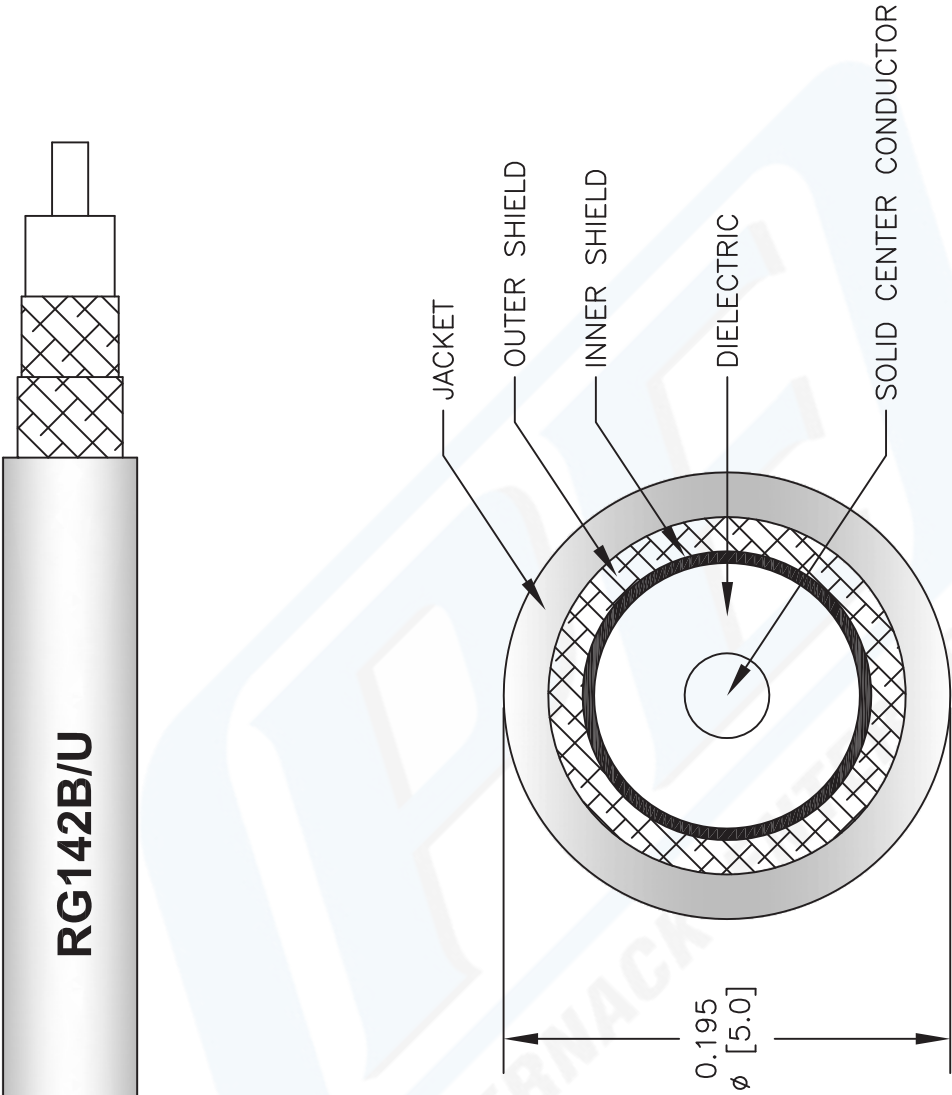
URL: <http://www.pasternack.com/flexible-0.195-rg142-50-ohm-coax-cable-fep-jacket-rg142b-u-p.aspx>

Flexible RG142 Coax Cable Double Shielded with Tan FEP Jacket 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.

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.

RG142B/U CAD Drawing

Flexible RG142 Coax Cable Double Shielded with Tan FEP Jacket



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].

DWG TITLE RG142B/U	FSCM NO. 53919		
	CAD FILE	022808-A	SCALE N/A
	SIZE A		2233



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