



7/16 DIN Female Connector Clamp/Solder Attachment
4 Hole Flange For RG14, RG217, .975 inch Hole Spacing

TECHNICAL DATA SHEET

PE44292

7/16 DIN Female Connector Clamp/Solder Attachment 4 Hole Flange For RG14, RG217, .975 inch Hole Spacing

Configuration

Connector	7/16 DIN Female
Connector Interface Type	RG14, RG217
Cable Attachment Method (Shield/Contact)	Clamp/Solder
Body Style	Straight
Mount Method	4 Hole Flange

Electrical Specifications

Impedance, Ohms	50
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Mechanical Specifications

Size

Length, in [mm]	2.24 [56.9]
Width/Dia., in [mm]	1.25 [31.75]
Height, in [mm]	1.25 [31.75]
Weight, lbs [g]	0.385 [174.63]

Connector

Type	7/16 DIN Female
Contact Material and Plating	Silver
Body Material and Plating	Brass, Nickel
Dielectric Type	PTFE

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

RoHS Compliant	Yes
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Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [7/16 DIN Female Connector Clamp/Solder Attachment 4 Hole Flange For RG14, RG217, .975 inch Hole Spacing PE44292](#)

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Plotted and Other Data

Notes:

Values at 25 °C, sea level

7/16 DIN Female Connector Clamp/Solder Attachment 4 Hole Flange For RG14, RG217, .975 inch Hole Spacing 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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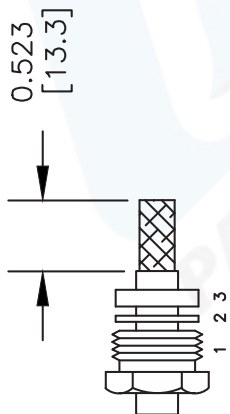
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PE44292 CAD Drawing

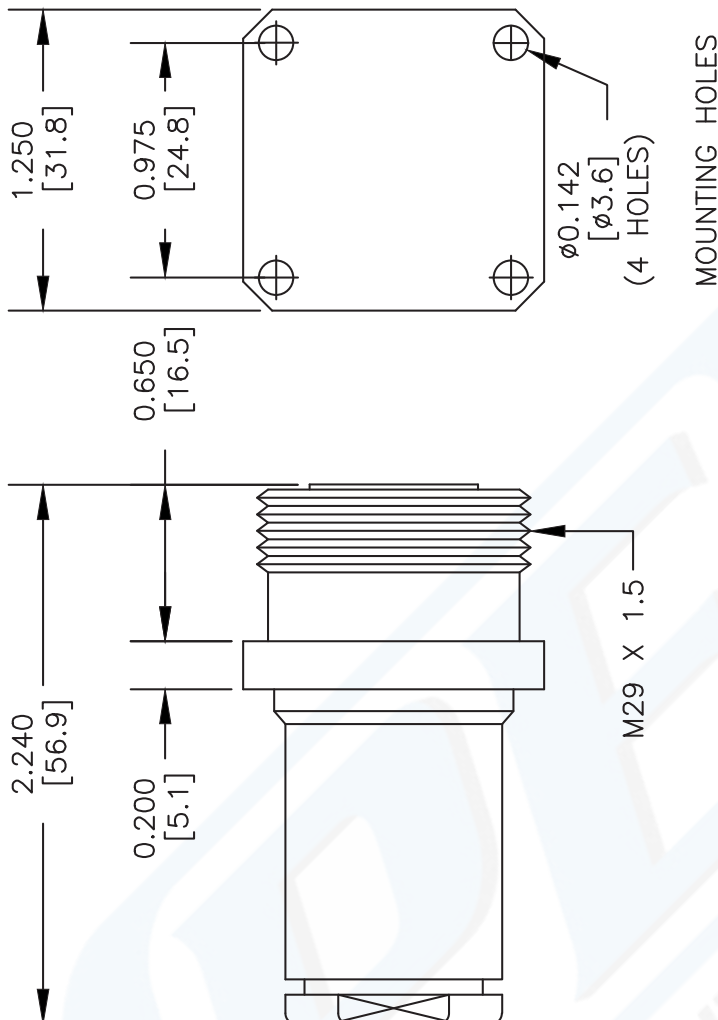
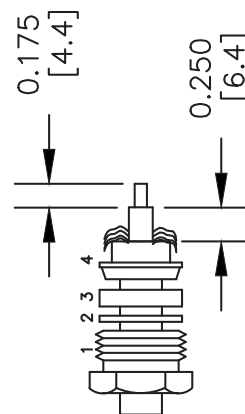
7/16 DIN Female Connector Clamp/Solder Attachment 4 Hole
Flange For RG14, RG217, .975 inch Hole Spacing

ASSEMBLY PROCEDURES

1. SLIDE CLAMP NUT (1), WASHER (2) & GASKET (3) OVER CABLE. STRIP CABLE AS SHOWN. DO NOT NICK BRAID WHILE CUTTING JACKET. TAPER END OF BRAID TO PERMIT ASSEMBLY OF BRAID CLAMP (4). SLIDE BRAID CLAMP (4) OVER BRAID & SEAT AGAINST JACKET.



2. FORM BRAID OVER CLAMP NUT (4). TRIM BRAID BACK TO SHOULDER. CUT DIELECTRIC & CENTER CONDUCTOR TO DIMENSION SHOWN. DO NOT NICK CENTER CONDUCTOR. SOLDER CONTACT TO CENTER CONDUCTOR. REMOVE EXCESS SOLDER. DO NOT OVER HEAT DIELECTRIC. INSERT CABLE ASSEMBLY INTO BODY & TIGHTEN.



DWG TITLE

PE44292

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 020909

SCALE N/A

SIZE A

147



PASTERNAK®
Pasternack Enterprises, Inc.
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Website: www.pasternack.com | E-Mail: sales@pasternack.com



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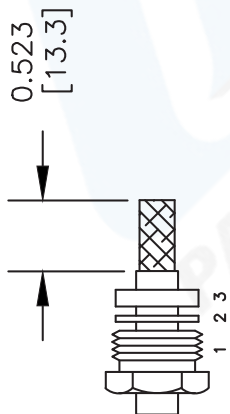
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PE44292 CAD Drawing

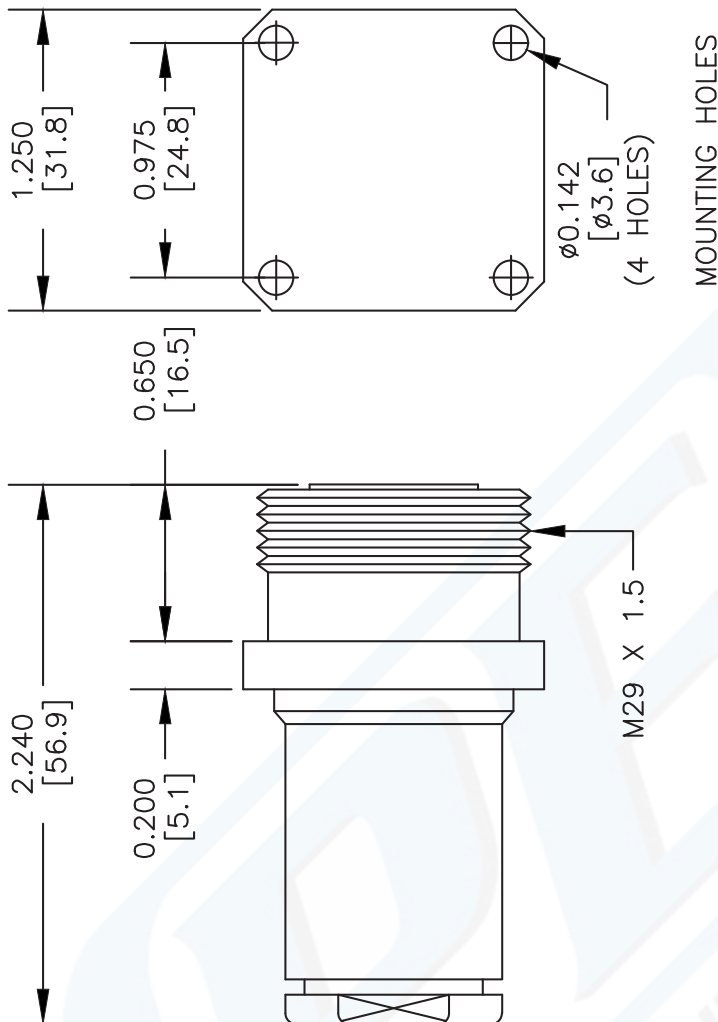
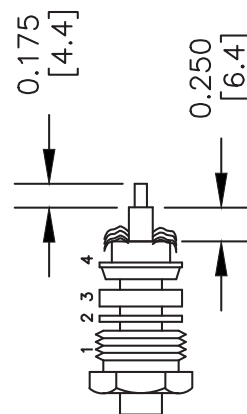
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FSCM NO. 53919

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SCALE N/A

SIZE A

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Flexible RG217 Coax Cable Double Shielded with Black PVC Jacket

RF Cables Technical Data Sheet

RG217/U

Configuration

- Flexible Cable
- 2 Shield(s)

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		1,000	MHz
Impedance		50		Ohms
Velocity of Propagation		66		%
Operating Voltage (AC)			5,200	Vrms
Nominal Capacitance		30.8 [101.05]		pF/ft [pF/m]

Performance by Frequency Band

Description	F1	F2	F3	F4	F5	Units
Frequency	10	100	1,000			MHz
Attenuation, Typ	0.45	1.54	6.37			dB/100ft
	1.48	5.05	20.9			dB/100m
Input Power (CW), Max	6,000	1,200	260			Watts

Mechanical Specifications

Diameter	0.545 in [13.84 mm]
Weight	0.225 lbs/ft [0.33 Kg/m]

Construction Specifications

Description	Material and Plating	Diameter
Inner Conductor	Copper, 1 Strands	0.106 in [2.69 mm]
Conductor Type	Solid	
Dielectric	PE	0.37 in [9.4 mm]
First Shield	Copper Braid	

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Flexible RG217 Coax Cable Double Shielded with Black PVC Jacket RG217/U](#)



Flexible RG217 Coax Cable Double
Shielded with Black PVC Jacket

RF Cables Technical Data Sheet

RG217/U

Second Shield	Copper Braid	0.417 in [10.59 mm]
Jacket	PVC, Black	0.545 in [13.84 mm]

Environmental Specifications

Temperature

Operating Range

-40 to +80 deg C

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

Plotted and Other Data

Notes:

Flexible RG217 Coax Cable Double Shielded with Black PVC 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.

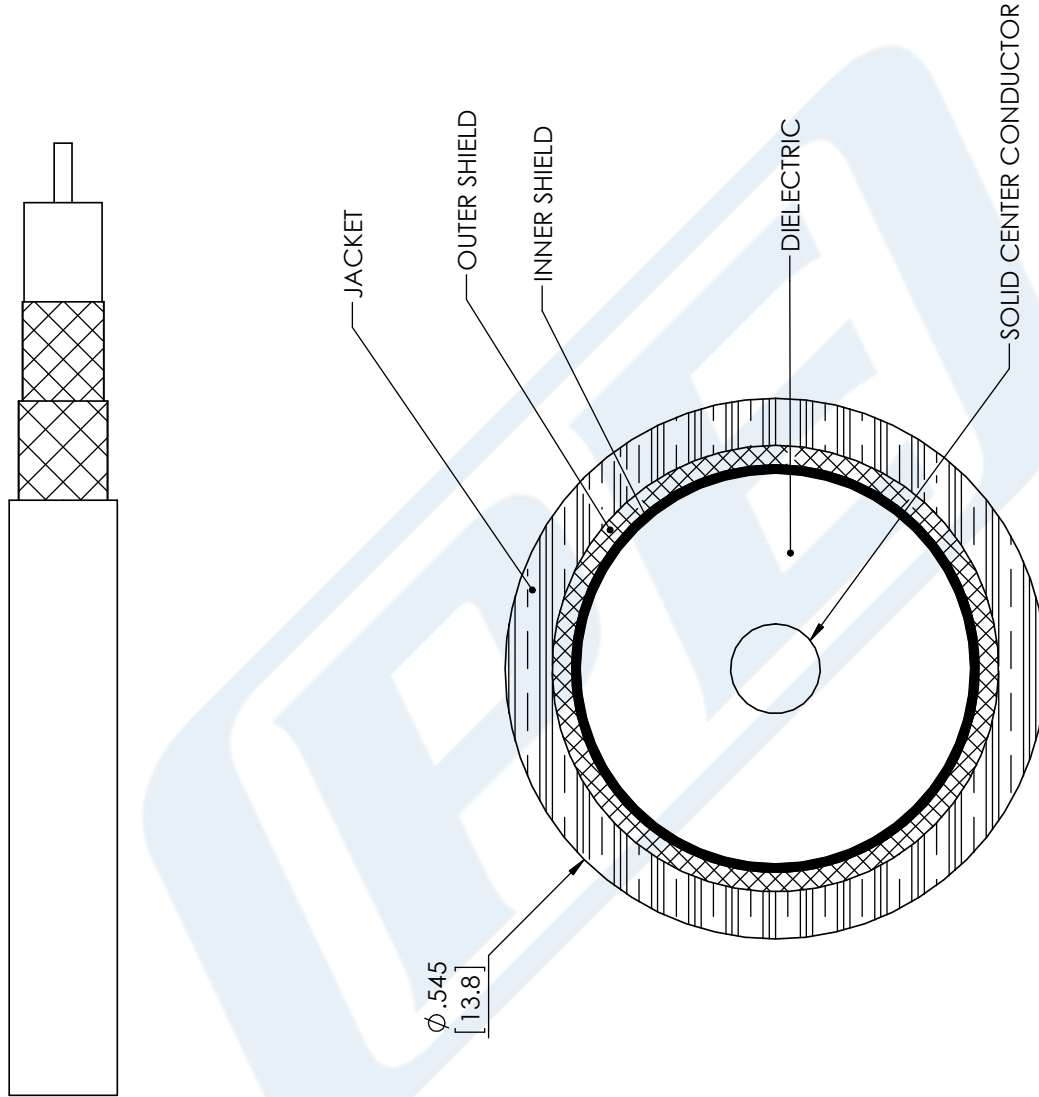
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URL: <https://www.pasternack.com/flexible-0.545-rg217-50-ohm-coax-cable-pvc-jacket-rg217-u-p.aspx>

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RG217/U CAD Drawing

Flexible RG217 Coax Cable Double Shielded with Black PVC Jacket



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

RG217-U

CAGE CODE 53919

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CAD FILE 11/29/17

SCALE N/A

SIZE A

CN2245