



N Male Connector Clamp/Solder Attachment For RG14, RG217

TECHNICAL DATA SHEET

PE4221

N Male Connector Clamp/Solder Attachment For RG14, RG217

Configuration

Connector	N Male
Connector Specification	MIL-STD-348A
Connector Interface Type	RG14, RG217
Cable Attachment Method (Shield/Contact)	Clamp/Solder
Body Style	Straight

Electrical Specifications

Frequency Range, GHz	DC to 11
Impedance, Ohms	50
Maximum Operating Voltage, Volts	1,000

Mechanical Specifications

Temperature

Operating Range, deg C	-65 to +165
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Size

Length, in [mm]	1.63 [41.4]
Width/Dia., in [mm]	0.8 [20.32]
Weight, lbs [g]	0.151 [68.49]

Connector

Type	N Male
Contact Material and Plating	Brass, Gold
Contact Plating Specification	30μ 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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Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [N Male Connector Clamp/Solder Attachment For RG14, RG217 PE4221](#)

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PE4221

Plotted and Other Data

Notes:

Values at 25 °C, sea level

N Male Connector Clamp/Solder Attachment For RG14, RG217 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.

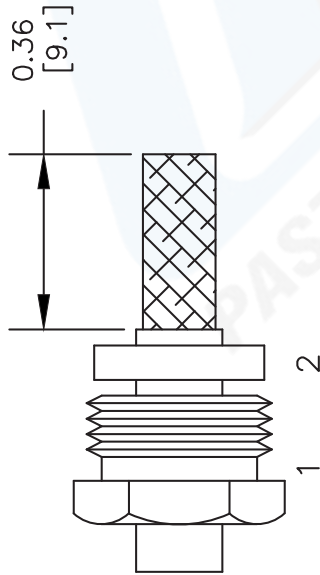
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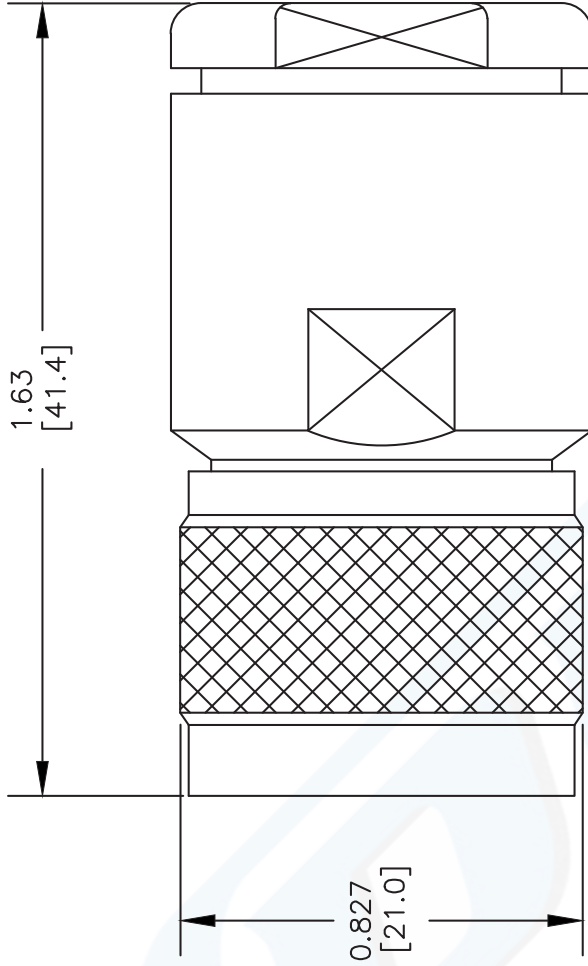
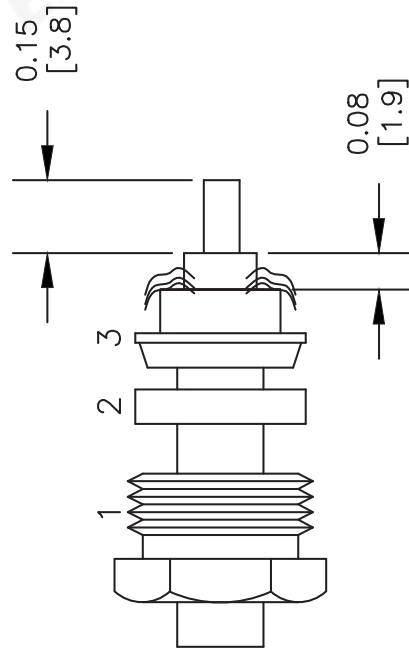
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ASSEMBLY PROCEDURES

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



2. FORM BRAID OVER CLAMP NUT (3). TRIM BRAID BACK TO SHOULDER. CUT DIELECTRIC 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

PE4221

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 050113

SCALE N/A

SIZE A

2233

PE PASTERNAK®

Pasternack Enterprises, Inc.
P.O. Box 16759 | Irvine | CA | 92623
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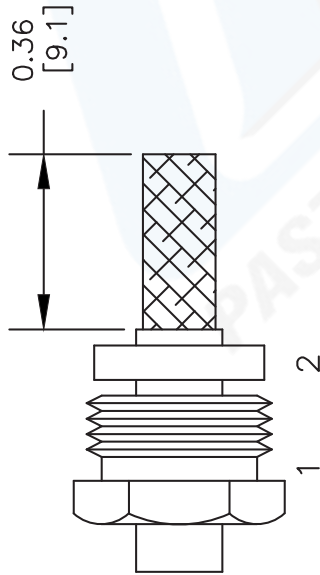
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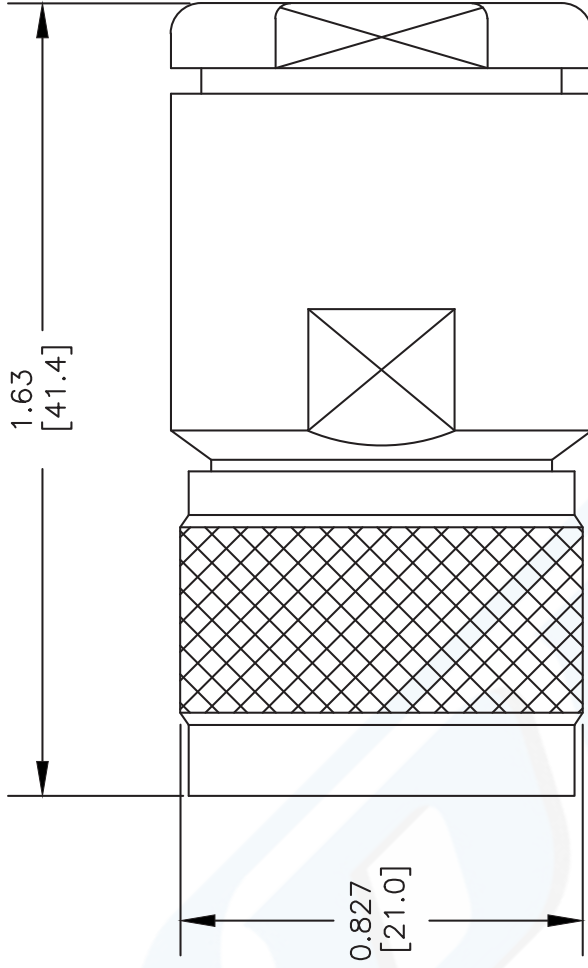
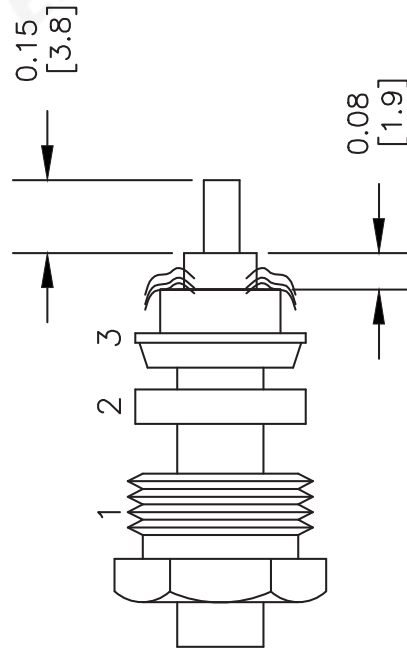
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Flexible RG217 Coax Cable Double Shielded with Black PVC Jacket

TECHNICAL DATA SHEET

RG217/U

Flexible RG217 Coax Cable Double Shielded with Black PVC Jacket

Configuration

Inner Conductor Material and Plating	Copper
Dielectric Type	PE
Shield Materials	Copper Braid, Copper Braid
Jacket Material and Color	PVC, Black

Electrical Specifications

Impedance, Ohms	50
Velocity of Propagation, %	66
Maximum Operating Frequency, GHz	5
Capacitance, pF/ft [pF/m]	30.8 [101.05]
Maximum Operating Voltage, Volts	5,200

Electrical Specifications by Frequency

Frequency 1

Frequency, MHz	10
Attenuation, dB/100ft [dB/100m]	0.41 [1.35]
Power Handling, KWatts	6

Frequency 2

Frequency, MHz	100
Attenuation, dB/100ft [dB/100m]	1.4 [4.59]
Power Handling, KWatts	1.2

Frequency 3

Frequency, MHz	1000
Attenuation, dB/100ft [dB/100m]	5.8 [19.03]
Power Handling, Watts	260

Frequency 4

Frequency, GHz	5
Attenuation, dB/100ft [dB/100m]	19 [62.34]
Power Handling, Watts	85

Mechanical Specifications

Temperature

Operating Range, deg C	-40 to +80
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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: [Flexible RG217 Coax Cable Double Shielded with Black PVC Jacket RG217/U](#)

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Flexible RG217 Coax Cable Double
Shielded with Black PVC Jacket

TECHNICAL DATA SHEET

RG217/U

Inner Conductor

Number of Strands	1
Material	Copper
Diameter, in [mm]	0.106 [2.69]

Dielectric:

Type	PE
Diameter, in [mm]	0.37 [9.4]

Shield:

Number of	2
Material 1	Copper Braid
Material 2	Copper Braid
Diameter, in [mm]	0.417 [10.59]

Jacket:

Material	PVC
Diameter, in [mm]	0.545 [13.84]
Color	Black

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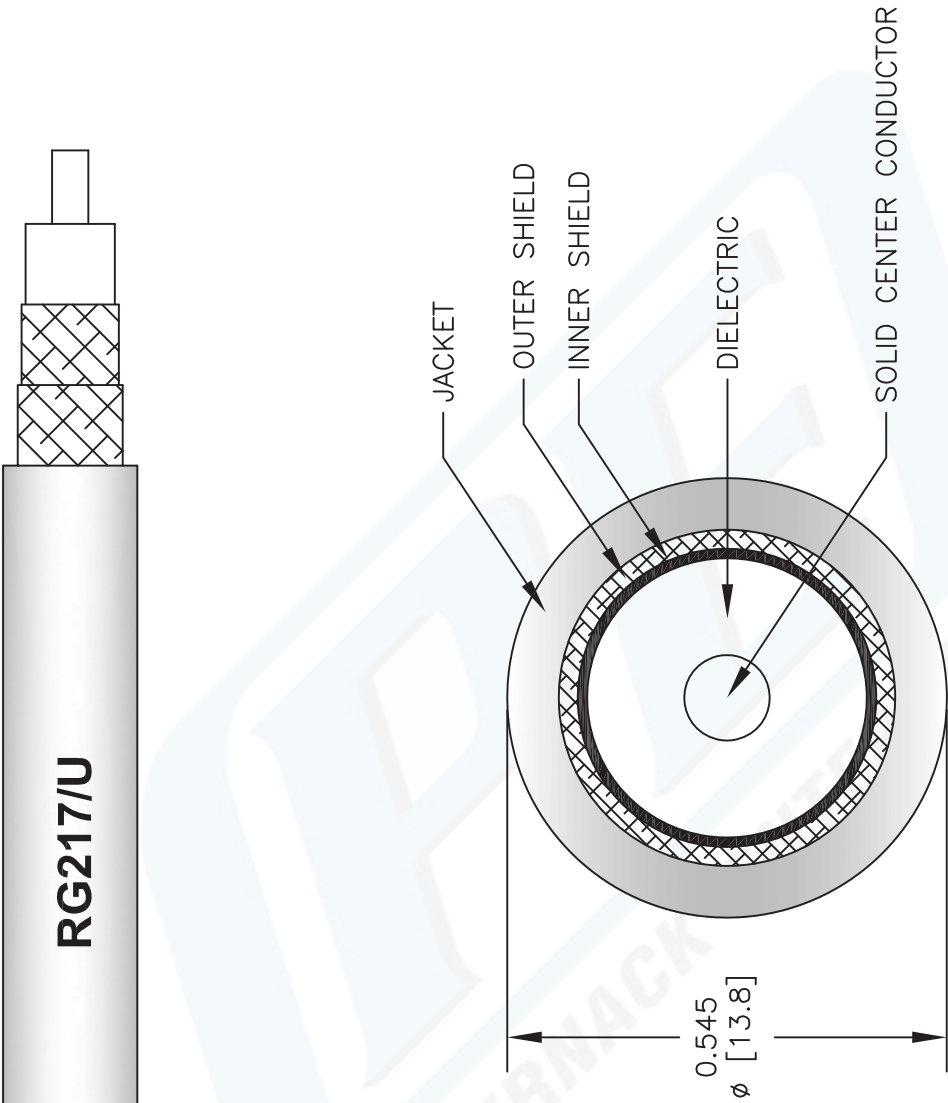
URL: <http://www.pasternack.com/flexible-0.545-rg217-50-ohm-coax-cable-pvc-jacket-rg217-u-p.aspx>

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 fiber optic products maintain a 99% availability and are part of the broadest selection in the industry.

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RG217/U CAD Drawing

Flexible RG217 Coax Cable Double Shielded with Black PVC Jacket



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