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75 Ohm F Female Bulkhead Mount Connector Crimp/ Solder Attachment for RG59, RG62, RG71

RF Connectors
Technical Data Sheet

PE45552

Configuration

- F Female Connector
- 75 Ohms
- Straight Body Geometry
- Connector Interface Types: RG59, RG62, RG71
- Bulkhead

Features

- Gold Plated Brass Contact

Applications

- General Purpose Test
- Rack and Panel Mount Applications
- Custom Cable Assemblies
- CATV

Description

Pasternack's PE45552 75 ohm type F female bulkhead connector with crimp/solder attachment for RG59, RG62 and RG71 is part of our full line of RF components available for same-day shipping. This type F bulkhead connector allows designers to create external connections on their product enclosures, and can be used in a variety of other rack mount and panel mount applications.

Our 75 ohm type F female bulkhead connector PE45552 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.

Mechanical Specifications

Size	
Length	1.03 in [26.16 mm]
Width/Dia.	0.38 in [9.65 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 F Female Bulkhead Mount Connector Crimp/Solder Attachment for RG59, RG62, RG71 PE45552

Pasternack Enterprises, Inc. • P.O. Box 16759, Irvine, CA 92623
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75 Ohm F Female Bulkhead Mount Connector Crimp/ Solder Attachment for RG59, RG62, RG71

Material Specifications

Description	Material	Plating
Contact	Brass	Gold
Insulation	PTFE	
Body	Brass	Nickel
Coupling Nut	Brass	Nickel
Crimp Sleeve	Brass	Nickel
Washer	Steel	Nickel

Environmental Specifications

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

75 Ohm F Female Bulkhead Mount Connector Crimp/Solder Attachment for RG59, RG62, RG71 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 F Female Bulkhead Mount Connector Crimp/Solder Attachment for RG59, RG62, RG71 PE45552

URL: https://www.pasternack.com/f-female-rg59-rg62-rg71-connector-pe45552-p.aspx

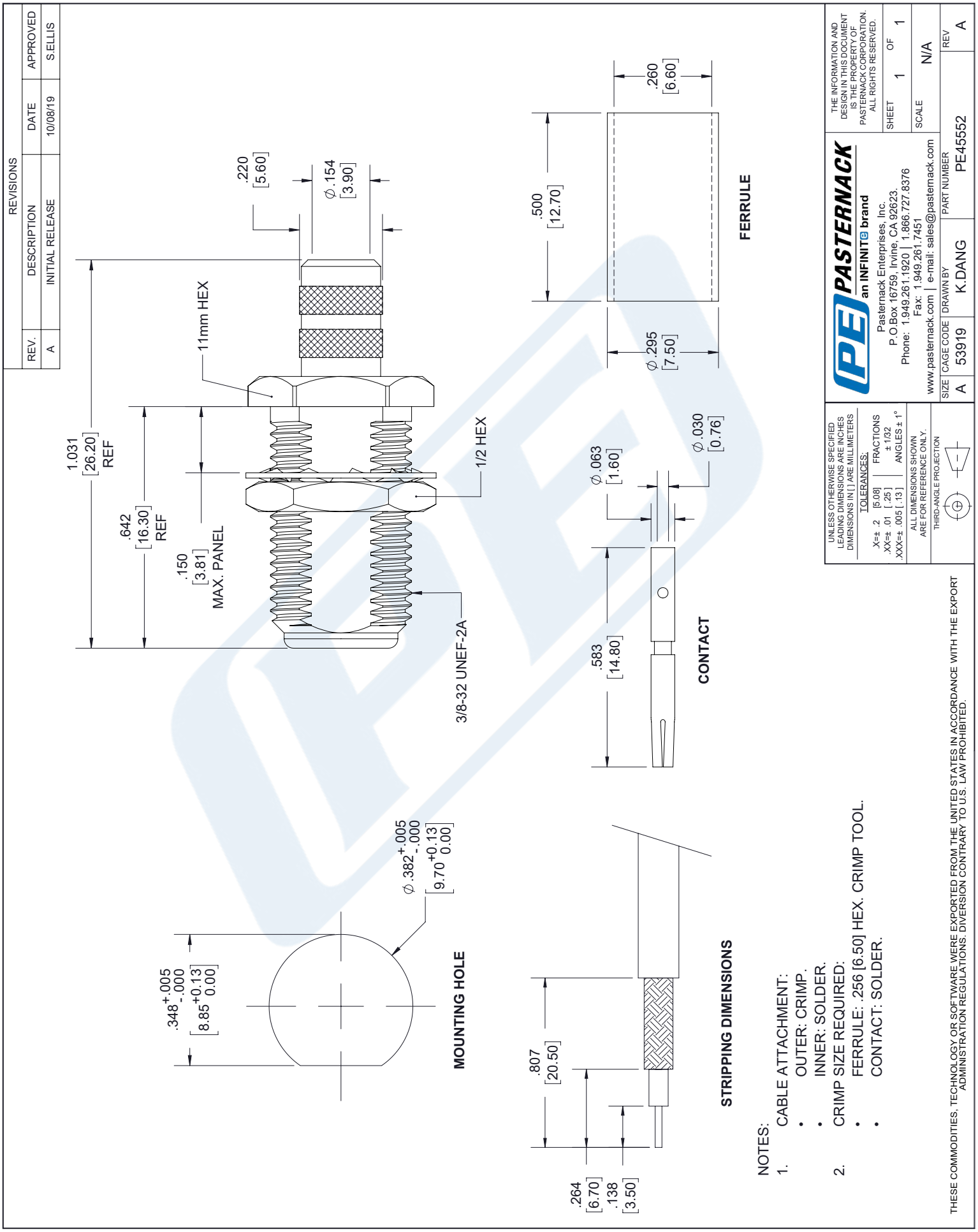
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PE45552 CAD Drawing

75 Ohm F Female Bulkhead Mount Connector Crimp/
Solder Attachment for RG59, RG62, RG71



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PASTERNACK®
THE ENGINEER'S RF SOURCE

75 Ohm BNC Male Connector Crimp/Crimp Attachment for RG59, RG62, RG71



RF Connectors Technical Data Sheet PE4602

Configuration

- BNC Male Connector
- 75 Ohms
- Straight Body Geometry
- RG59, RG62, RG71 Interface Type
- Crimp/Crimp Attachment

Features

- Max. Operating Frequency 1,000 MHz
- Good VSWR of 1.3:1
- Gold Plated Brass Contact
- 30 µin minimum contact plating

Applications

- General Purpose Test
- Custom Cable Assemblies
- CATV

Description

Pasternack's PE4602 75 ohm BNC male connector with crimp/crimp attachment for RG59, RG62 and RG71 is part of our full line of RF components available for same-day shipping. Our BNC male connector operates up to a maximum frequency of 1,000 MHz and offers good VSWR of 1.3:1.

Our 75 ohm BNC male connector PE4602 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
VSWR			1.3:1	
Operating Voltage (AC)			500	Vrms

Mechanical Specifications

Size

Length	1.132 in [28.75 mm]
Width/Dia.	0.571 in [14.50 mm]
Weight	0.027 lbs [12.25 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 BNC Male Connector Crimp/Crimp Attachment for RG59, RG62, RG71 PE4602

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75 Ohm BNC Male Connector Crimp/Crimp Attachment for RG59, RG62, RG71



Material Specifications

Description	Material	Plating
Contact	Brass	Gold 30 µin minimum
Insulation	PTFE	
Body	Brass	Nickel 100 µin minimum
Coupling Nut	Brass	Nickel 100 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 BNC Male Connector Crimp/Crimp Attachment for RG59, RG62, RG71 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 BNC Male Connector Crimp/Crimp Attachment for RG59, RG62, RG71 PE4602

URL: https://www.pasternack.com/bnc-male-rg59-connector-pe4602-p.aspx

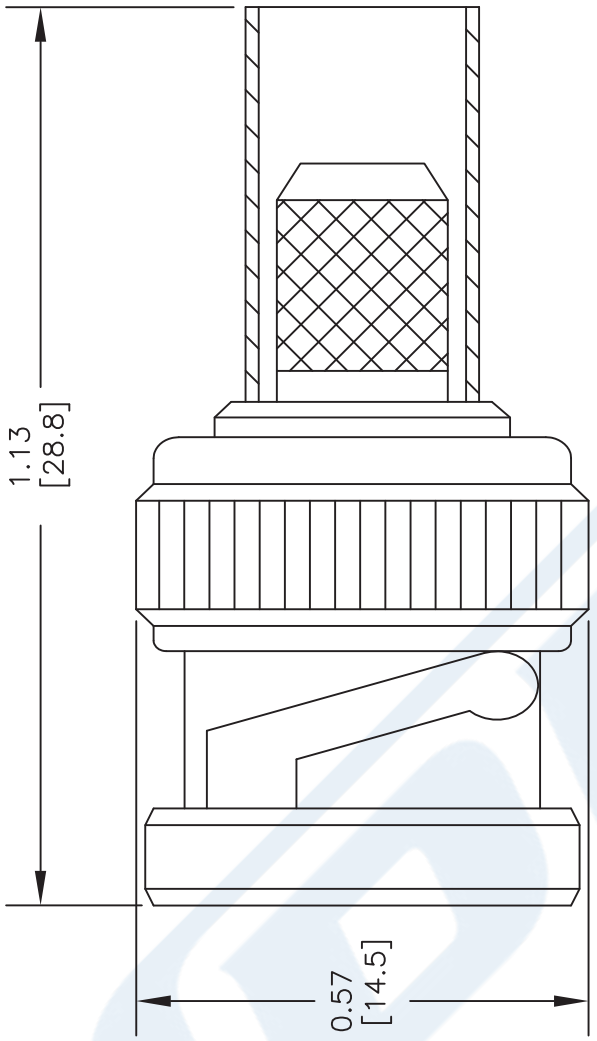
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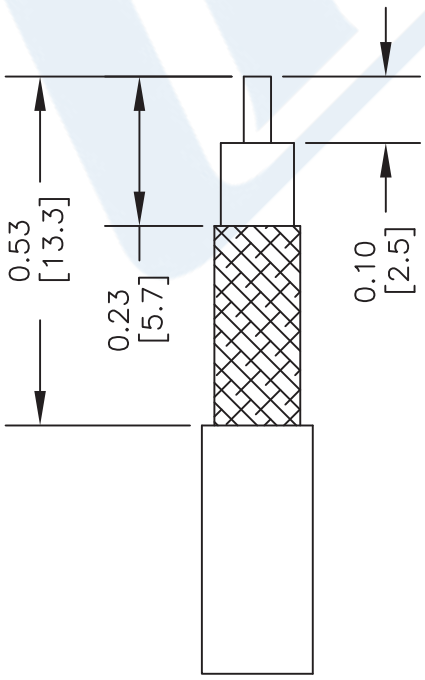
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PE4602 CAD Drawing

75 Ohm BNC Male Connector Crimp/Crimp Attachment for RG59, RG62, RG71





STRIPPING DIMENSIONS

CRIMP SIZE REQUIRED

CONTACT: .068" HEX CRIMP TOOL
FERRULE: .255" 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	
PE4602	052402	N/A	A	2233

FSCM NO. 53919

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75 Ohm Flexible RG59 Coax Cable Single Shielded with Black PVC (NC) Jacket

RF Cables
Technical Data Sheet

RG59B/U

Configuration

- Flexible Cable
- 1 Shield(s)

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		1,000	MHz
Impedance		75 3		Ohms
Velocity of Propagation		66		%
Operating Voltage (AC)			2,300	Vrms
Nominal Capacitance		20.4 [66.93]		pF/ft [pF/m]

Performance by Frequency Band

Description	F1	F2	F3	F4	F5	Units
Frequency	100	200	550	800	1,000	MHz
Attenuation, Max	3.81	5.37	9.18	11.21	12.68	dB/100ft
	12.5	17.62	30.12	36.78	41.6	dB/100m

Mechanical Specifications

Diameter	0.242 in [6.15 mm]
Weight	0.039 lbs/ft [0.06 Kg/m]

Construction Specifications

Description	Material and Plating	Diameter
Inner Conductor	Copper Clad Steel1	0.022 in 0.56 mm
Conductor Type	Solid	
Dielectric	PE	0.146 in 3.71 mm
First Shield	Copper Braid	0.165 in 4.19 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 RG59 Coax Cable Single Shielded with Black PVC (NC) Jacket RG59B/U

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75 Ohm Flexible RG59 Coax Cable Single Shielded with Black PVC (NC) Jacket

RF Cables
Technical Data Sheet

RG59B/U

Jacket	PVC (NC), Black	0.242 in [6.15 mm]

Environmental Specifications

Temperature

Operating Range	-25 to +70 deg C

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

75 Ohm Flexible RG59 Coax Cable Single Shielded with Black PVC (NC) 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 RG59 Coax Cable Single Shielded with Black PVC (NC) Jacket RG59B/U

URL: https://www.pasternack.com/flexible-0.242-rg59-75-ohm-coax-cable-pvc-jacket-rg59b-u-p.aspx

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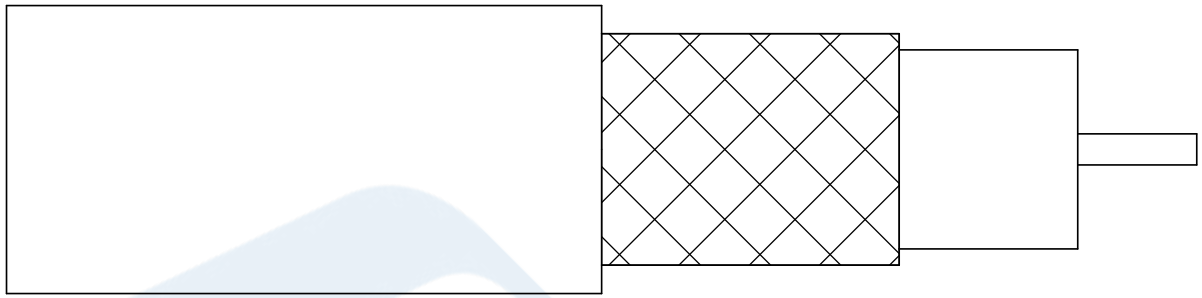
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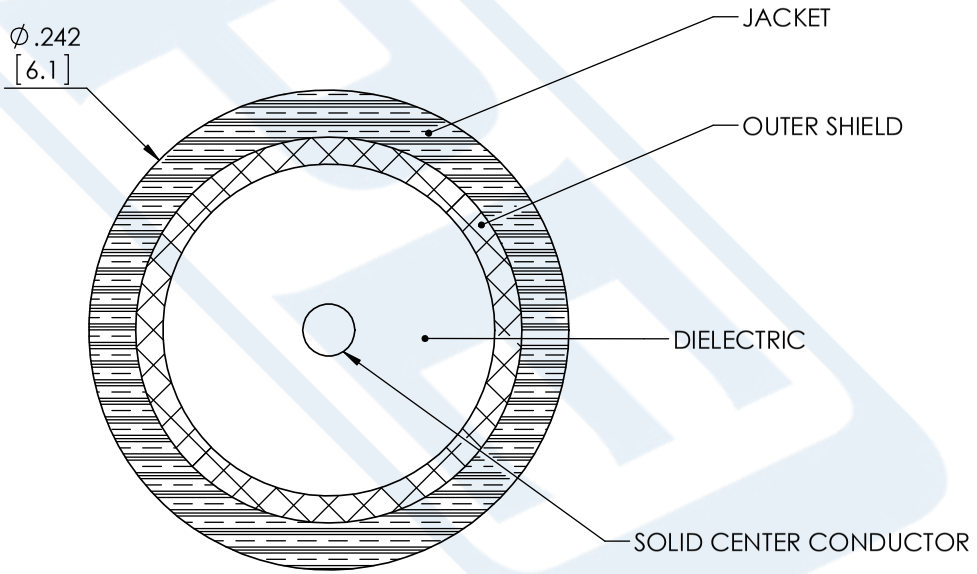
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RG59B/U CAD Drawing

75 Ohm Flexible RG59 Coax Cable Single Shielded with Black PVC (NC) 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
RG59B/U

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CAGE CODE 53919	CAD FILE 11/28/17	SCALE N/A	SIZE A	CN2245