PASTERNACK®
THE ENGINEER'S RF SOURCE



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

RF Connectors Technical Data Sheet PE4608

Configuration

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

Features

- Max. Operating Frequency 500 MHz
- Good VSWR of 1.5:1
- Gold Plated Brass Contact
- 30 µin minimum contact plating

Applications

- General Purpose Test
- Custom Cable Assemblies
- CATV

Description

Pasternack's PE4608 75 ohm BNC male right angle connector with crimp/solder 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 500 MHz and offers good VSWR of 1.5:1. Its right angle body geometry allows for easier connections in tight spaces.

Our 75 ohm BNC male right angle connector PE4608 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		500	MHz
VSWR			1.5:1	
Operating Voltage (AC)			500	Vrms

Mechanical Specifications

Size

Length	1.344 in [34.14 mm]
Width/Dia.	0.57 in [14.48 mm]
Height	1.143 in [29.03 mm]
Weight	0.054 lbs [24.49 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 Right Angle Connector Crimp/Solder Attachment for RG59, RG62, RG71 PE4608

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

RF Connectors Technical Data Sheet PE4608

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

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 Right Angle 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% 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 Right Angle Connector Crimp/Solder Attachment for RG59, RG62, RG71 PE4608

URL: https://www.pasternack.com/bnc-male-standard-rg59-connector-pe4608-p.aspx

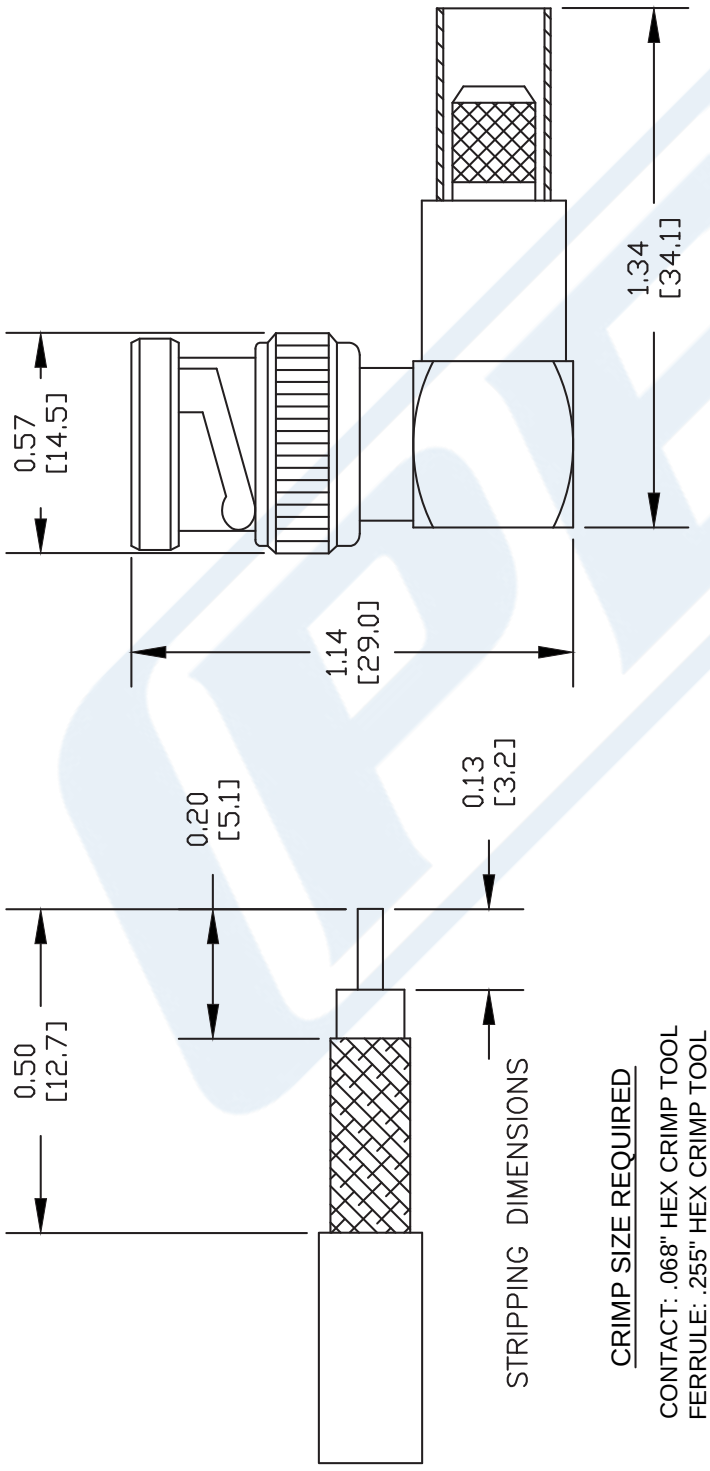
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PE4608 CAD Drawing

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



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
PE4608	052402	N/A	A

FSCM NO. 53919

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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

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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

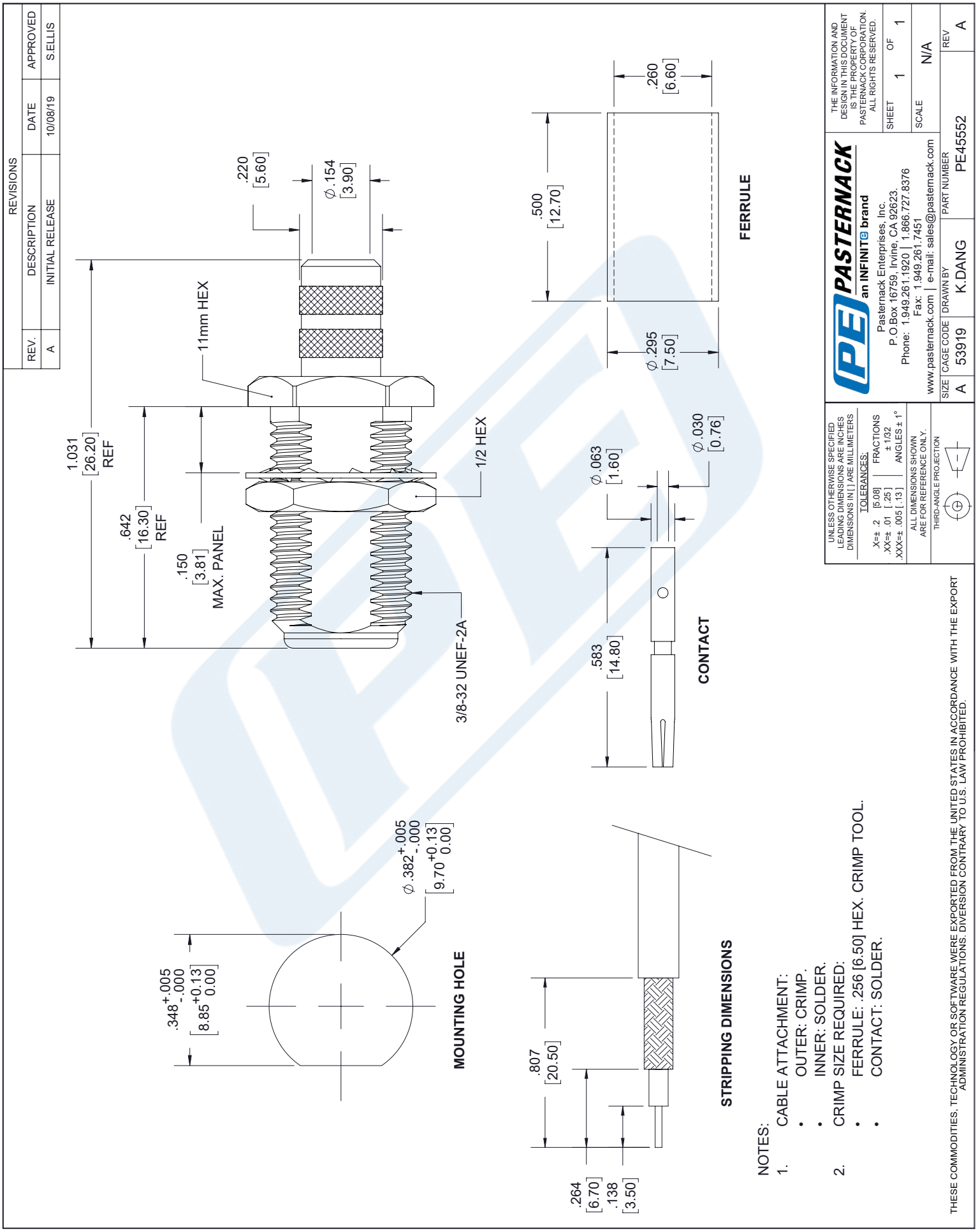
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PE45552 CAD Drawing

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



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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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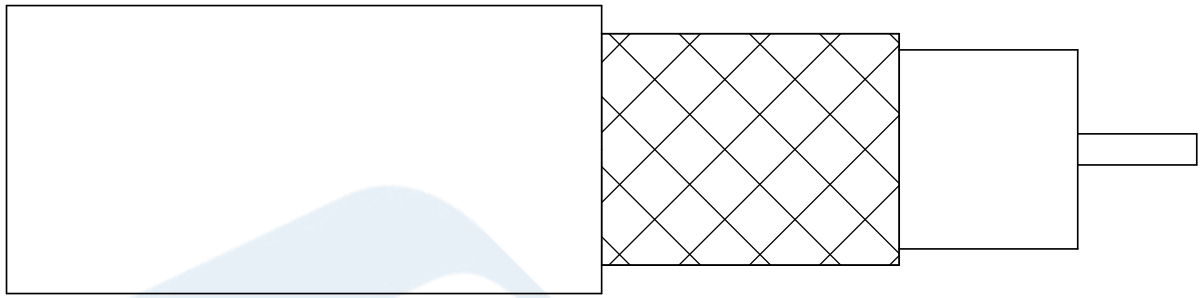
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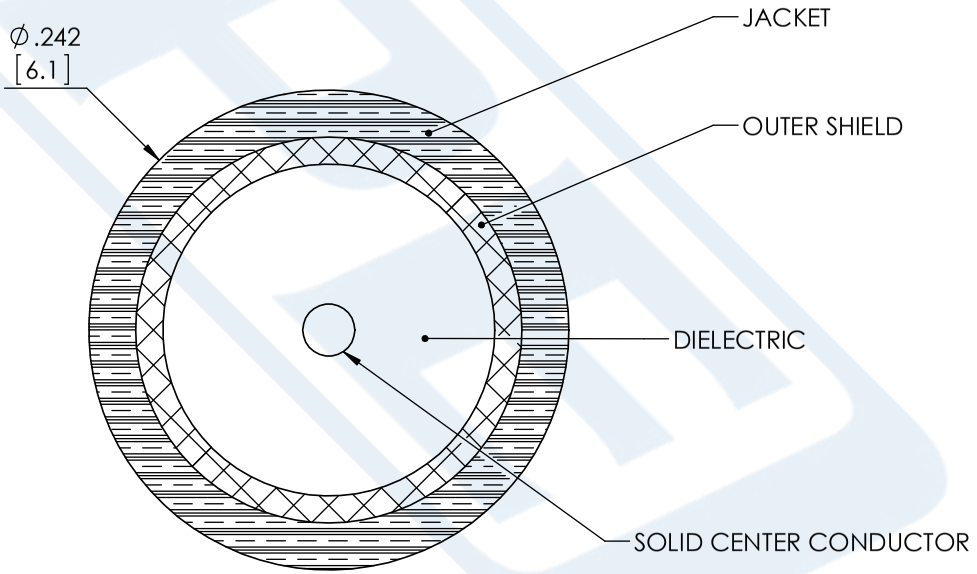
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RG59B/U CAD Drawing

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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