PASTERNACK®
THE ENGINEER'S RF SOURCE

BNC Male Connector Crimp/Solder Attachment for PE-C240, RG8X, 0.240 inch, LMR-240, LMR-240-DB, LMR-240-UF, B7808A

RF Connectors Technical Data Sheet PE44640

Configuration

- BNC Male Connector
- 50 Ohms
- Straight Body Geometry
- PE-C240, RG8X, 0.240 inch, LMR-240, LMR-240-DB, LMR-240-UF, B7808A Interface Type
- Crimp/Solder Attachment

Features

- Max. Operating Frequency 4 GHz
- Gold Plated Brass Contact

Applications

- General Purpose Test
- Custom Cable Assemblies

Description

Pasternack's PE44640 BNC male connector with crimp/solder attachment for PE-C240, RG8X, 0.240 inch, LMR-240, LMR-240-DB, LMR-240-UF and B7808A 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 4 GHz.

Our BNC male connector PE44640 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		4	GHz

Mechanical Specifications

Size

Length	1.17 in [29.72 mm]
Width/Dia.	0.57 in [14.48 mm]
Weight	0.025 lbs [11.34 g]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: BNC Male Connector Crimp/Solder Attachment for PE-C240, RG8X, 0.240 inch, LMR-240, LMR-240-DB, LMR-240-UF, B7808A PE44640

Pasternack Enterprises, Inc. • P.O. Box 16759, Irvine, CA 92623
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Material Specifications

Description	Material	Plating
Contact	Brass	Gold
Insulation	POM	
Body	Brass	Nickel

Environmental Specifications

Temperature

Operating Range -40 to +85 deg C

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

BNC Male Connector Crimp/Solder Attachment for PE-C240, RG8X, 0.240 inch, LMR-240, LMR-240-DB, LMR-240-UF, B7808A 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.

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URL: https://www.pasternack.com/bnc-male-standard-rg8x-pe-c240-b7808a-0.240-connector-pe44640-p.aspx

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PE44640 CAD Drawing

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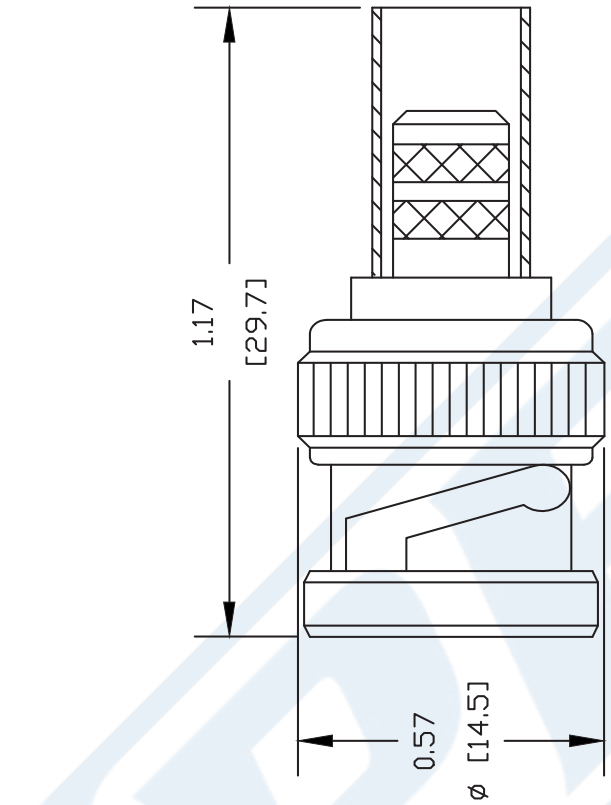

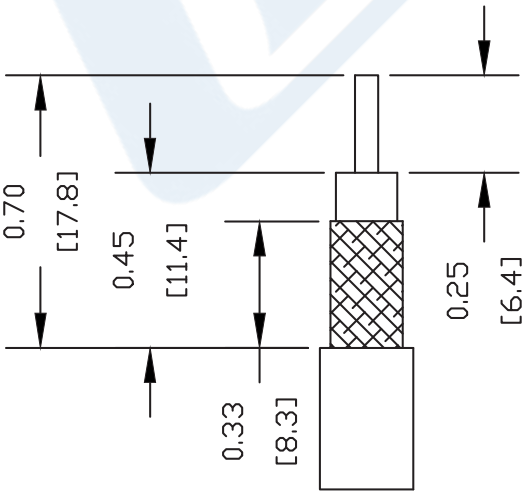

STRIPPING DIMENSIONS

CRIMP SIZE REQUIRED

CONTACT: .068" HEX CRIMP TOOL
FERRULE: .255" HEX CRIMP TOOL

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DWG TITLE	CAD FILE	SCALE	SIZE	
PE44640	050709	N/A	A	147

REV.	FSCM NO.
A	53919

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Contact	Brass	Gold
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Temperature

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Compliance Certifications (see product page for current document)

Plotted and Other Data

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URL: https://www.pasternack.com/bnc-male-standard-rg8x-pe-c240-b7808a-0.240-connector-pe44640-p.aspx

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PE44640 CAD Drawing

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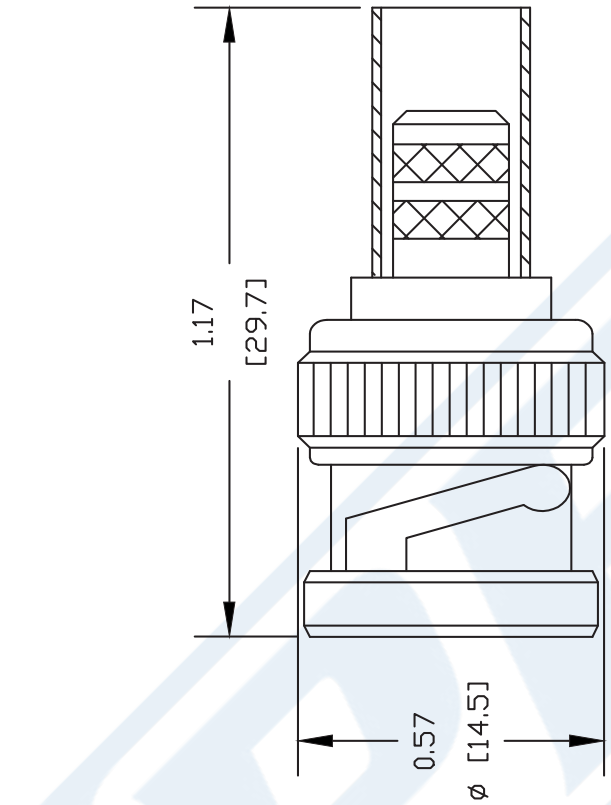

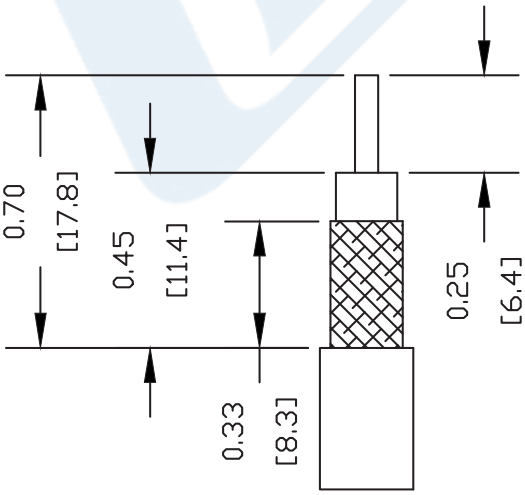

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Low Loss Flexible RG8X Type Coax Cable Double Shielded with Black PE Jacket

TECHNICAL DATA SHEET PE-C240

Low Loss Flexible RG8X Type Coax Cable Double Shielded with Black PE Jacket

Configuration

Cable Design	Low Loss
Inner Conductor Material and Plating	Copper
Dielectric Type	PE (F)
Shield Materials	Aluminum Tape, Tinned Copper Braid
Jacket Material and Color	PE, Black

Electrical Specifications

Impedance, Ohms	50
Velocity of Propagation, %	84
Maximum Operating Frequency, GHz	5.8
RF Shielding, dB	90
Capacitance, pF/ft [pF/m]	24.2 [79.4]

Electrical Specifications by Frequency

Frequency 1

Frequency, MHz	150
Attenuation, dB/100ft [dB/100m]	3.4 [11.15]
Power Handling, Watts	660

Frequency 2

Frequency, MHz	450
Attenuation, dB/100ft [dB/100m]	5.95 [19.52]
Power Handling, Watts	380

Frequency 3

Frequency, MHz	900
Attenuation, dB/100ft [dB/100m]	8.58 [28.15]
Power Handling, Watts	260

Frequency 4

Frequency, GHz	1.5
Attenuation, dB/100ft [dB/100m]	11.18 [36.68]
Power Handling, Watts	200

Frequency 5

Frequency, GHz	2
Attenuation, dB/100ft [dB/100m]	13 [42.65]
Power Handling, Watts	170

Click the following link (or enter part number in “SEARCH” on website) to obtain additional part information including price, inventory and certifications: Low Loss Flexible RG8X Type Coax Cable Double Shielded with Black PE Jacket PE-C240

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Low Loss Flexible RG8X Type Coax Cable Double Shielded with Black PE Jacket

TECHNICAL DATA SHEET PE-C240

Frequency 6	
Frequency, GHz	2.5
Attenuation, dB/100ft [dB/100m]	14.55 [47.74]
Power Handling, Watts	150
Frequency 7	
Frequency, GHz	5.8
Attenuation, dB/100ft [dB/100m]	23 [75.46]
Power Handling, Watts	100

Mechanical Specifications

Temperature	
Operating Range, deg C	-40 to +85
Storage Range, deg C	-40 to +85
Inner Conductor	
Number of Strands	1
Material	Copper
Diameter, in [mm]	0.057 [1.45]
Dielectric:	
Type	PE (F)
Diameter, in [mm]	0.15 [3.81]
Shield:	
Number of	2
Material 1	Aluminum Tape
Material 2	Tinned Copper Braid
Diameter, in [mm]	0.178 [4.52]
Jacket:	
Material	PE
Diameter, in [mm]	0.24 [6.1]
Color	Black
One Time Minimum Bend Radius, in [mm]	0.752 [19.1]
Repeated Minimum Bend Radius, in [mm]	2.5 [63.5]
Weight, lbs/ft [Kg/m]	0.033 [0.05]

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

RoHS Compliant	Yes

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Low Loss Flexible RG8X Type Coax Cable Double Shielded with Black PE Jacket

TECHNICAL DATA SHEET PE-C240

Plotted and Other Data

Notes: Values at 25 °C, sea level

Low Loss Flexible RG8X Type Coax Cable Double Shielded with Black PE 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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URL: http://www.pasternack.com/flexible-0.240-50-ohm-coax-cable-pe-jacket-pe-c240-p.aspx

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PE-C240 CAD Drawing

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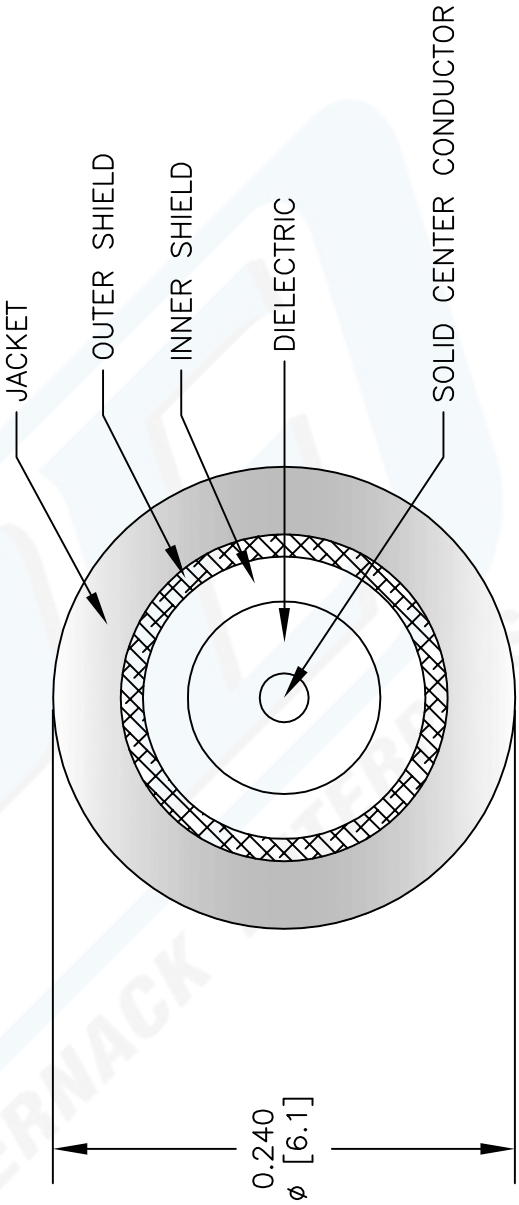

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