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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

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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.

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

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

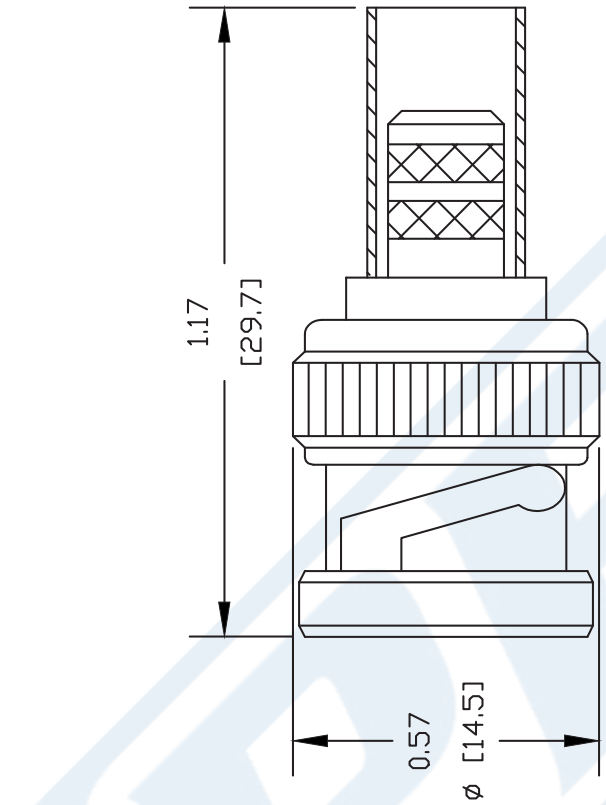
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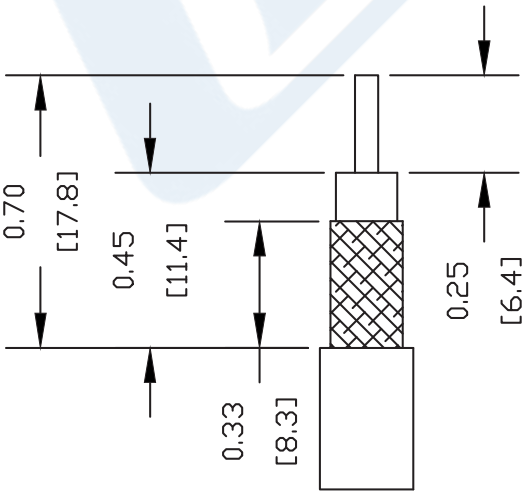
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# PE44640 CAD Drawing

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




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 | REV. A | FSCM NO. 53919 | CAD FILE 050709 | SCALE N/A | SIZE A | 147 |
|---|---|---|---|---|---|---|
| PE44640 | | | | | | |


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# TNC Female 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 PE44636

## Configuration

- TNC Female 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 11 GHz
- Gold Plated Phosphor Bronze Contact

## Applications

- General Purpose Test
- Custom Cable Assemblies

### Description

Pasternack's PE44636 TNC female 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 TNC female connector operates up to a maximum frequency of 11 GHz.

Our TNC female connector PE44636 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 | | 11 | GHz |

### Mechanical Specifications

**Size**

| | |
|---|---|
| Length | 1.325 in [33.66 mm] |
| Width/Dia. | 0.452 in [11.48 mm] |
| Weight | 0.042 lbs [19.05 g] |

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: TNC Female Connector Crimp/Solder Attachment for PE-C240, RG8X, 0.240 inch, LMR-240, LMR-240-DB, LMR-240-UF, B7808A PE44636

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# TNC Female Connector Crimp/Solder Attachment for PE-C240, RG8X, 0.240 inch, LMR-240, LMR-240-DB, LMR-240-UF, B7808A



**Material Specifications**

| Description | Material | Plating |
|---|---|---|
| Contact | Phosphor Bronze | Gold |
| Insulation | PTFE | |
| 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:

TNC Female 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.

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: TNC Female Connector Crimp/Solder Attachment for PE-C240, RG8X, 0.240 inch, LMR-240, LMR-240-DB, LMR-240-UF, B7808A PE44636

URL: https://www.pasternack.com/tnc-female-standard-rg8x-pe-c240-0.240-connector-pe44636-p.aspx

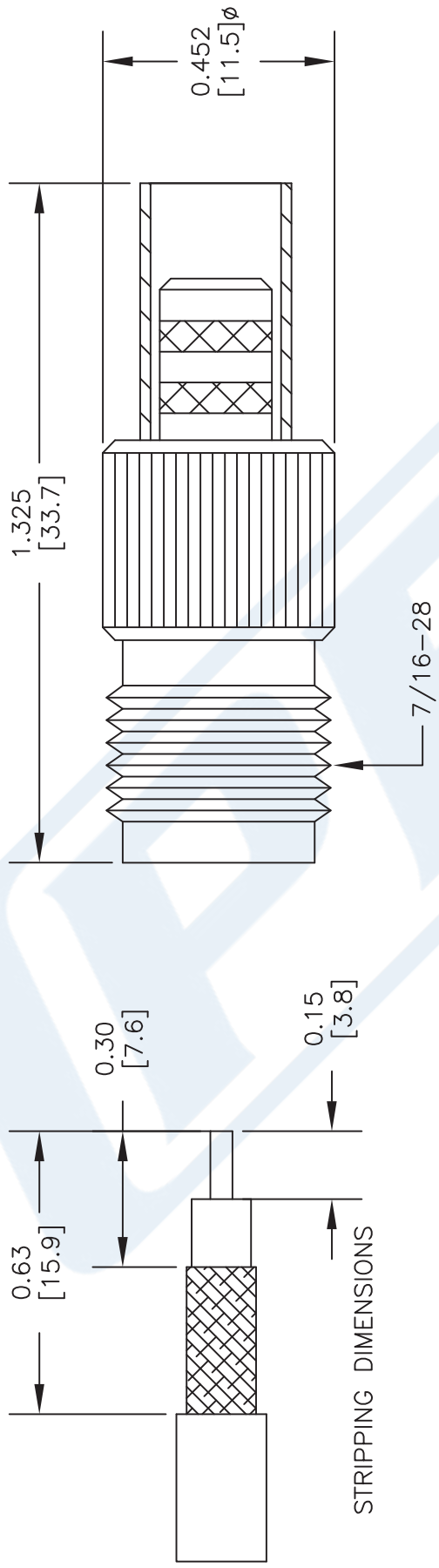
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# PE44636 CAD Drawing

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




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 | XXXX |
|---|---|---|---|---|
| PE44636 | 050609-A | N/A | A | |

FSCM NO. 53919


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# Flexible RG8X Coax Cable Single Shielded with Black PVC (NC) Jacket

RF Cables
Technical Data Sheet

TIMES MICROWAVE SYSTEMS

RG8X

## Times Microwave Systems Coax Cable Specification

## Configuration

- Flexible Cable
- 1 Shield(s)

### Electrical Specifications

| Description | Minimum | Typical | Maximum | Units |
|---|---|---|---|---|
| Frequency Range | DC | | 1,000 | MHz |
| Impedance | | 50 | | Ohms |
| Operating Voltage (AC) | | | 2,500 | Vrms |
| Nominal Capacitance | | 26 [85.3] | | pF/ft [pF/m] |

### Performance by Frequency Band

| Description | F1 | F2 | F3 | F4 | F5 | Units |
|---|---|---|---|---|---|---|
| Frequency | 10 | 400 | 700 | 1,000 | | MHz |
| Attenuation, Typ | 1 | 8 | 11.1 | 13.5 | | dB/100ft |
| | 3.28 | 26.25 | 36.42 | 44.29 | | dB/100m |
| Input Power (CW), Max | 1,000 | 110 | 75 | 60 | | Watts |

Electrical Specification Notes:
All tests performed in accordance with MIL-DTL-17

### Mechanical Specifications

| | |
|---|---|
| Diameter | 0.242 in [6.15 mm] |
| Weight | 0.0375 lbs/ft [0.06 Kg/m] |

### Construction Specifications

| Description | Material and Plating | Diameter |
|---|---|---|
| Inner Conductor | Copper19 | 0.056 in 1.42 mm |
| Conductor Type | Stranded | |
| Dielectric | PE (F) | 0.155 in 3.94 mm |

Click the following link (or enter part number in “SEARCH” on website) to obtain additional part information including price, inventory and certifications: Flexible RG8X Coax Cable Single Shielded with Black PVC (NC) Jacket RG8X

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# Flexible RG8X Coax Cable Single Shielded with Black PVC (NC) Jacket

## RF Cables
## Technical Data Sheet

TIMES MICROWAVE SYSTEMS RG8X

| | | |
|---|---|---|
| First Shield | Copper Braid | |
| Jacket | PVC (NC), Black | 0.242 in [6.15 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 RG8X 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: Flexible RG8X Coax Cable Single Shielded with Black PVC (NC) Jacket RG8X

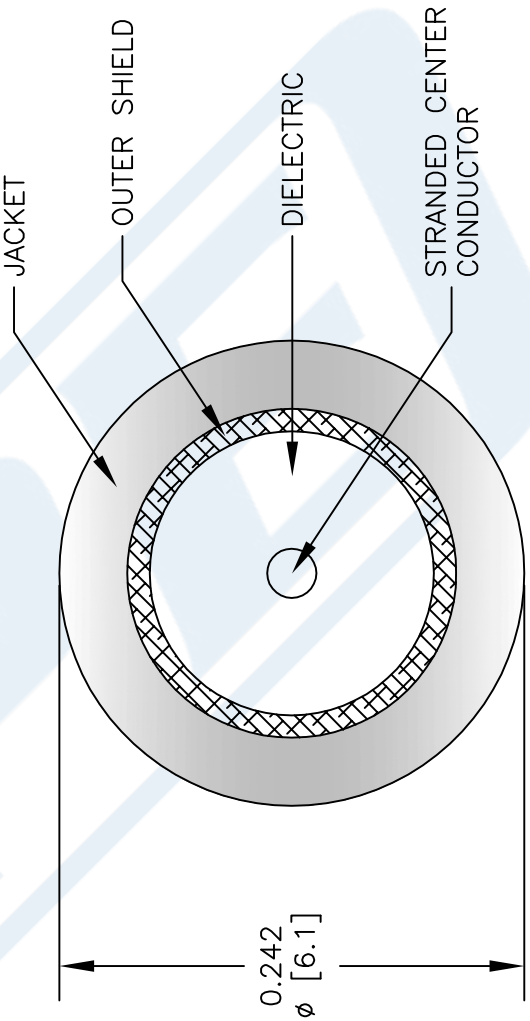
URL: https://www.pasternack.com/flexible-0.242-rg8x-50-ohm-coax-cable-pvc-jacket-rg8x-p.aspx

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| DWG TITLE | CAD FILE | SCALE | SIZE |
|---|---|---|---|
| RG8X | 040113-A | N/A | A |

| REV. | FSCM NO. | 147 |
|---|---|---|
| A | 53919 | |

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