

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](#)

The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. Pasternack reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal.

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](http://www.Pasternack.com) for current document)

RoHS Compliant	Yes
----------------	-----

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](#)

The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. Pasternack reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal.

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.

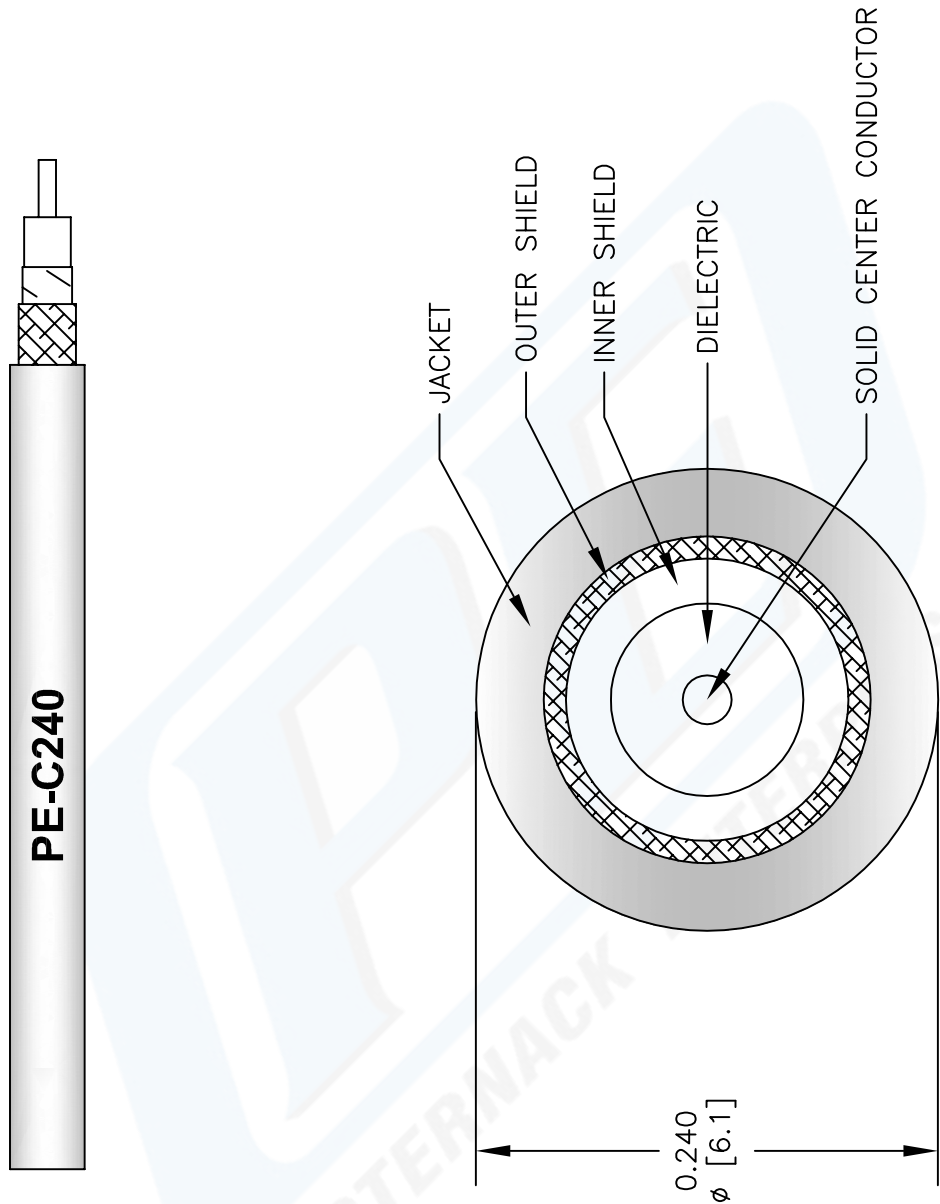
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Low Loss Flexible RG8X Type Coax Cable Double Shielded with Black PE Jacket PE-C240](#)

URL: <http://www.pasternack.com/flexible-0.240-50-ohm-coax-cable-pe-jacket-pe-c240-p.aspx>

The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. Pasternack reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal.

PE-C240 CAD Drawing

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



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].

DWG TITLE  
**PE-C240**

REV. B	FSCM NO. 53919
--------	----------------

CAD FILE	050709	SCALE	N/A	SIZE	A	147
----------	--------	-------	-----	------	---	-----

**Pasternack®**  
Pasternack Enterprises, Inc.  
P.O. Box 16759 | Irvine | CA | 92623  
Phone: (949) 261-1920 | Fax: (949) 261-7451  
Website: [www.pasternack.com](http://www.pasternack.com) | E-Mail: [sales@pasternack.com](mailto:sales@pasternack.com)