

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

TECHNICAL DATA SHEET

RG8X

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Configuration

Inner Conductor Material and Plating	Copper
Dielectric Type	PE (F)
Shield Materials	Copper Braid
Jacket Material and Color	PVC (NC), Black

Electrical Specifications

Impedance, Ohms	50
Maximum Operating Frequency, MHz	1000
Capacitance, pF/ft [pF/m]	26 [85.3]
Maximum Operating Voltage, Volts	2,500

Electrical Specifications by Frequency

Frequency 1

Frequency, MHz	10
Attenuation, dB/100ft [dB/100m]	1 [3.28]
Power Handling, KWatts	1

Frequency 2

Frequency, MHz	400
Attenuation, dB/100ft [dB/100m]	8 [26.25]
Power Handling, Watts	110

Frequency 3

Frequency, MHz	700
Attenuation, dB/100ft [dB/100m]	11.1 [36.42]
Power Handling, Watts	75

Frequency 4

Frequency, MHz	1000
Attenuation, dB/100ft [dB/100m]	13.5 [44.29]
Power Handling, Watts	60

Mechanical Specifications

Temperature

Operating Range, deg C	-40 to +80
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Inner Conductor

Number of Strands	19
Material	Copper
Diameter, in [mm]	0.056 [1.42]

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](#)

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.

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RG8X**Dielectric:**

Type	PE (F)
Diameter, in [mm]	0.155 [3.94]

Shield:

Number of	1
Material 1	Copper Braid

Jacket:

Material	PVC (NC)
Diameter, in [mm]	0.242 [6.15]
Color	Black
Weight, lbs/ft [Kg/m]	0.041 [0.06]

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

Plotted and Other Data

Notes: Values at 25 °C, sea level

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 fiber optic products maintain a 99% availability and are part of the broadest selection in the industry.

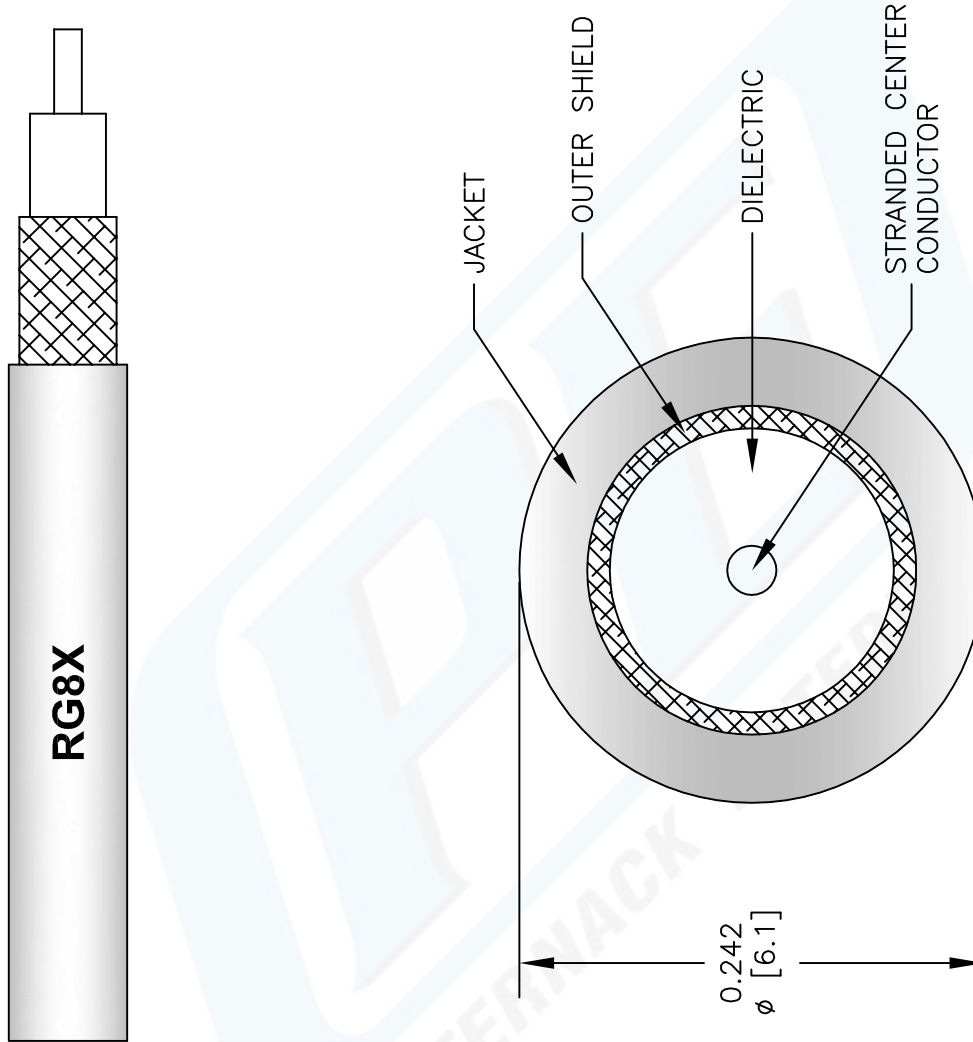
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Flexible RG8X Coax Cable Single Shielded with Black PVC \(NC\) Jacket RG8X](#)

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

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RG8X CAD Drawing

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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

RG8X

REV. A

FSCM NO. 53919

CAD FILE 040113-A

SCALE N/A

SIZE A

147



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