



## 75 Ohm Flexible RG6-CATV Coax Cable Triple Shielded with Black PVC (NC) Jacket

### TECHNICAL DATA SHEET

### RG6-CATV

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#### Configuration

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

#### Electrical Specifications

Impedance, Ohms	75
Velocity of Propagation, %	85
Maximum Operating Frequency, GHz	3
RF Shielding, dB	70
Capacitance, pF/ft [pF/m]	16.2 [53.15]

#### Electrical Specifications by Frequency

##### Frequency 1

Frequency, MHz	5
Attenuation, dB/100ft [dB/100m]	0.58 [1.9]

##### Frequency 2

Frequency, MHz	250
Attenuation, dB/100ft [dB/100m]	3.3 [10.83]

##### Frequency 3

Frequency, MHz	550
Attenuation, dB/100ft [dB/100m]	4.9 [16.08]

##### Frequency 4

Frequency, MHz	1000
Attenuation, dB/100ft [dB/100m]	6.55 [21.49]

##### Frequency 5

Frequency, GHz	1.45
Attenuation, dB/100ft [dB/100m]	7.9 [25.92]

##### Frequency 6

Frequency, GHz	1.75
Attenuation, dB/100ft [dB/100m]	8.75 [28.71]

##### Frequency 7

Frequency, GHz	2.15
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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 RG6-CATV Coax Cable Triple Shielded with Black PVC \(NC\) Jacket RG6-CATV](#)

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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#### Mechanical Specifications

##### Temperature

Operating Range, deg C -40 to +80

##### Inner Conductor

Number of Strands 1  
 Material Copper  
 Diameter, in [mm] 0.04 [1.02]

##### Dielectric:

Type PE (F)  
 Diameter, in [mm] 0.18 [4.57]

##### Shield:

Number of 3  
 Material 1 Aluminum Foil  
 Material 2 Aluminum Braid  
 Material 3 Aluminum Foil  
 Diameter, in [mm] 0.22 [5.59]

##### Jacket:

Material PVC (NC)  
 Diameter, in [mm] 0.275 [6.99]  
 Color Black  
 One Time Minimum Bend Radius, in [mm] 1.37 [34.8]  
 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

#### Plotted and Other Data

Notes: Values at 25 °C, sea level

75 Ohm Flexible RG6-CATV Coax Cable Triple 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.

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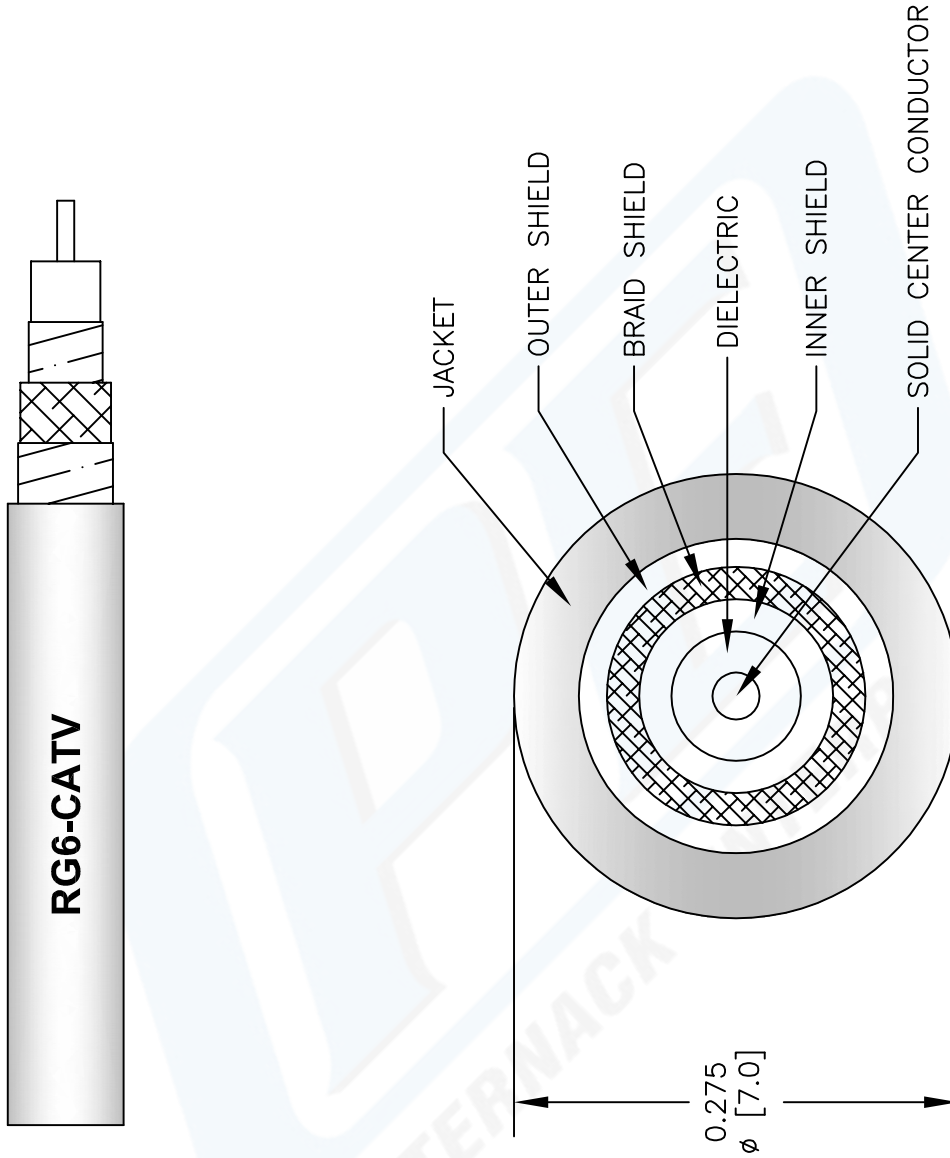
URL: <http://www.pasternack.com/flexible-0.275-rg6-catv-75-ohm-coax-cable-pvc-jacket-rg6-catv-p.aspx>

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# RG6-CATV 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  
**RG6-CATV**

REV. B FSCM NO. 53919

SCALE N/A

SIZE A

CAD FILE 021411-B

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**PE 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