

## 75 Ohm Flexible RG6 Coax Cable Double Shielded with Black PVC (NC) Jacket

### RF Cables Technical Data Sheet

**RG6A/U-BULK**

#### Times Microwave Systems Coax Cable Specification Configuration

- Flexible Cable
- 2 Shield(s)

#### Electrical Specifications

| Description             | Minimum | Typical      | Maximum | Units        |
|-------------------------|---------|--------------|---------|--------------|
| Frequency Range         | DC      |              | 1,000   | MHz          |
| Impedance               |         | 75           |         | Ohms         |
| Velocity of Propagation |         | 66           |         | %            |
| Shielding Effectiveness | 90      |              |         | dB           |
| Operating Voltage (DC)  |         |              | 2,700   | Vdc          |
| Nominal Capacitance     |         | 20.6 [67.59] |         | pF/ft [pF/m] |

#### Performance by Frequency Band

| Description      | F1   | F2   | F3    | F4 | F5 | Units    |
|------------------|------|------|-------|----|----|----------|
| Frequency        | 10   | 100  | 1,000 |    |    | MHz      |
| Attenuation, Typ | 0.08 | 2.9  | 11    |    |    | dB/100ft |
|                  | 0.26 | 9.51 | 36.09 |    |    | dB/100m  |

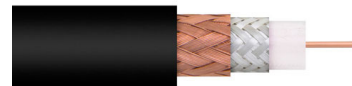
#### Mechanical Specifications

|                             |                          |
|-----------------------------|--------------------------|
| Diameter                    | 0.332 in [8.43 mm]       |
| Weight                      | 0.085 lbs/ft [0.13 kg/m] |
| Min. Bend Radius (Repeated) | 3.5 in [88.9 mm]         |

#### Construction Specifications

| Description     | Material and Plating        | Diameter           |
|-----------------|-----------------------------|--------------------|
| Inner Conductor | Copper Clad Steel, 1 Strand | 0.029 in [0.74 mm] |
| Conductor Type  | Solid                       |                    |
| Dielectric      | PE                          | 0.185 in [4.7 mm]  |

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 Coax Cable Double Shielded with Black PVC \(NC\) Jacket RG6A/U-BULK](#)



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|               |                            |                    |
|---------------|----------------------------|--------------------|
| First Shield  | Silver Plated Copper Braid | [ ]                |
| Second Shield | Copper Braid               | 0.248 in [6.3 mm]  |
| Jacket        | PVC (NC), Black            | 0.332 in [8.43 mm] |

#### Environmental Specifications

##### Temperature

Operating Range

-40 to +80 deg C

**Compliance Certifications** (see [product page](#) for current document)

#### Plotted and Other Data

Notes:

75 Ohm Flexible RG6 Coax Cable Double 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.

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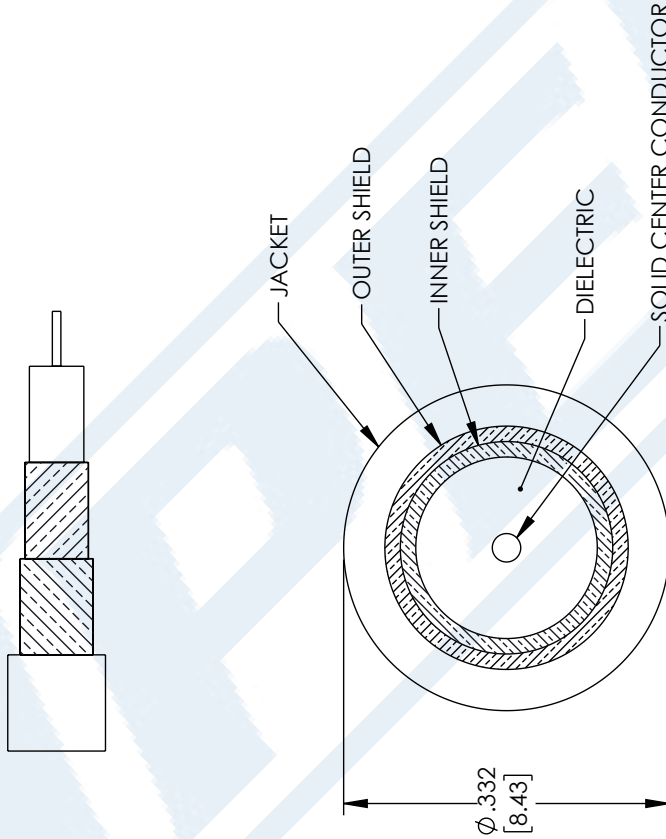
URL: <https://www.pasternack.com/flexible-0.332-rg6-75-ohm-coax-cable-pvc-jacket-rg6a-u-bulk-p.aspx>

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. Pasternack does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Pasternack does not assume any liability arising out of the use of any part or documentation.

# RG6A/U-BULK CAD Drawing

75 Ohm Flexible RG6 Coax Cable Double Shielded with Black PVC (NC) Jacket

| REVISIONS |                 |            |          |
|-----------|-----------------|------------|----------|
| REV.      | DESCRIPTION     | DATE       | APPROVED |
| A         | INITIAL RELEASE | 03/11/2022 | AGANWANI |



|                                                                                                                                                                                                                                                                                                                                                                   |  |  |                                                                                                                                                                                                                                                           |          |          |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|----------|
| UNLESS OTHERWISE SPECIFIED<br>LEADING DIMENSIONS ARE INCHES<br>DIMENSIONS IN [ ] ARE MILLIMETERS                                                                                                                                                                                                                                                                  |  |  | THIRD-ANGLE PROJECTION                                                                                                                                                                                                                                    |          |          |
| TOLERANCES:<br><br>X = ±.2    [.008]    FRACTIONS<br>.XX = ±.02    [.51]    1/32<br>XXX = ±.005    [.13]    ANGLES ±°<br><br>CABLE LENGTH (L) TOLERANCES:<br><br>L ≤ 12 [305] = +1 [25] / -0<br>12 [305] < L ≤ 60 [1524] = +2 [51] / -0<br>60 [1524] < L ≤ 120 [3048] = +4 [102] / -0<br>120 [3048] < L ≤ 300 [7620] = +6 [152] / -0<br>300 [7620] < L = +5% / -0 |  |  |  <p>THE INFORMATION AND<br/>DESIGN IN THIS DOCUMENT<br/>IS THE PROPERTY OF<br/>PASTERNAK CORPORATION<br/>ALL RIGHTS RESERVED.</p> <p>SHEET 1 OF 1</p> <p>SCALE N/A</p> |          |          |
| PE PASTERNAK<br>an INFINITE brand                                                                                                                                                                                                                                                                                                                                 |  |  | REV                                                                                                                                                                                                                                                       |          |          |
| Pasternack Enterprises, Inc.<br>P.O. Box 16759, Irvine, CA 92623.<br>Phone: 1.949.261.1920   1.866.727.8376<br>Fax: 1.949.261.7451<br>Website: www.pasternack.com<br>E-mail: sales@pasternack.com                                                                                                                                                                 |  |  | RG6A/U-BULK                                                                                                                                                                                                                                               |          |          |
| SIZE                                                                                                                                                                                                                                                                                                                                                              |  |  | CAGE CODE                                                                                                                                                                                                                                                 | DRAWN BY | ITEM NO. |
| A                                                                                                                                                                                                                                                                                                                                                                 |  |  | 53919                                                                                                                                                                                                                                                     | DZINN    |          |
| ALL DIMENSIONS SHOWN<br>ARE FOR REFERENCE ONLY.                                                                                                                                                                                                                                                                                                                   |  |  |                                                                                                                                                                                                                                                           |          |          |

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