



## 75 Ohm Flexible RG59 Coax Cable Single Shielded with Black PVC (NC) Jacket

### RF Cables Technical Data Sheet

**RG59B/U-FT**

#### Configuration

- Flexible Cable
- 1 Shield(s)

#### Electrical Specifications

| Description             | Minimum | Typical      | Maximum | Units        |
|-------------------------|---------|--------------|---------|--------------|
| Frequency Range         | DC      |              | 1,000   | MHz          |
| Impedance               |         | 75.3         |         | Ohms         |
| Velocity of Propagation |         | 66           |         | %            |
| Operating Voltage (AC)  |         |              | 2,300   | Vrms         |
| Nominal Capacitance     |         | 20.4 [66.93] |         | pF/ft [pF/m] |

#### Performance by Frequency Band

| Description      | F1   | F2    | F3    | F4    | F5    | Units    |
|------------------|------|-------|-------|-------|-------|----------|
| Frequency        | 100  | 200   | 550   | 800   | 1,000 | MHz      |
| Attenuation, Max | 3.81 | 5.37  | 9.18  | 11.21 | 12.68 | dB/100ft |
|                  | 12.5 | 17.62 | 30.12 | 36.78 | 41.6  | dB/100m  |

#### Mechanical Specifications

|          |                          |
|----------|--------------------------|
| Diameter | 0.242 in [6.15 mm]       |
| Weight   | 0.032 lbs/ft [0.05 kg/m] |

#### Construction Specifications

| Description     | Material and Plating        | Diameter           |
|-----------------|-----------------------------|--------------------|
| Inner Conductor | Copper Clad Steel, 1 Strand | 0.022 in [0.56 mm] |
| Conductor Type  | Solid                       |                    |
| Dielectric      | PE                          | 0.146 in [3.71 mm] |
| First Shield    | Copper Braid                | 0.165 in [4.19 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 RG59 Coax Cable Single Shielded with Black PVC \(NC\) Jacket RG59B/U-FT](#)



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Shielded with Black PVC (NC) Jacket

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**Technical Data Sheet**

**RG59B/U-FT**

|        |                 |                    |
|--------|-----------------|--------------------|
| Jacket | PVC (NC), Black | 0.242 in [6.15 mm] |
|--------|-----------------|--------------------|

**Environmental Specifications**

**Temperature**

Operating Range

-25 to 70 deg C

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

**Plotted and Other Data**

Notes:

75 Ohm Flexible RG59 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.

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URL: <https://www.pasternack.com/flexible-0.242-rg59-75-ohm-coax-cable-pvc-jacket-rg59b-u-ft-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.