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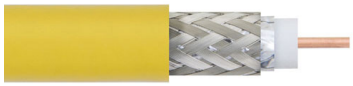


# 75 Ohm Flexible PE-B159-YW Coax Cable Double Shielded with Yellow PVC Jacket

## RF Cables
## Technical Data Sheet

## PE-B159-YW-BULK

### Configuration

- Flexible Cable
- 2 Shield(s)

### Electrical Specifications

| Description | Minimum | Typical | Maximum | Units |
|---|---|---|---|---|
| Frequency Range | DC | | 3 | GHz |
| Impedance | | 75 | | Ohms |
| Velocity of Propagation | | 83 | | % |
| Operating Voltage (AC) | | | 300 | Vrms |
| Nominal Capacitance | | 16.5 [54.13] | | pF/ft [pF/m] |

### Performance by Frequency Band

| Description | F1 | F2 | F3 | F4 | F5 | Units |
|---|---|---|---|---|---|---|
| Frequency | 0.5 | 0.75 | 1 | 2 | 3 | GHz |
| Attenuation, Typ | 7.5 | 9.59 | 10.5 | 15.1 | 18.5 | dB/100ft |
| | 24.61 | 31.46 | 34.45 | 49.54 | 60.7 | dB/100m |

### Mechanical Specifications

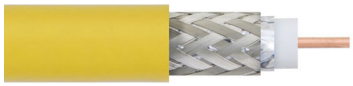
| | |
|---|---|
| Diameter | 0.159 in [4.04 mm} |
| Weight | 0.017 lbs/ft [0.03 kg/m] |
| Min. Bend Radius (Installation) | 1.5 in [38.1 mm] |

### Construction Specifications

| Description | Material and Plating | Diameter |
|---|---|---|
| Inner Conductor | Copper, 1 Strand | 0.023 in [0.58 mm] |
| Conductor Type | Solid | |
| Dielectric | PE (F) | 0.102 in [2.59 mm] |
| First Shield | Aluminum Tape | [ ] |

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 PE-B159-YW Coax Cable Double Shielded with Yellow PVC Jacket PE-B159-YW-BULK

Pasternack Enterprises, Inc. • P.O. Box 16759, Irvine, CA 92623
**Phone:** (866) 727-8376 or (949) 261-1920 • **Fax:** (949) 261-7451
Sales@Pasternack.com • Techsupport@Pasternack.com



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## RF Cables
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| | | |
|---|---|---|
| Second Shield | Tinned Copper Braid | [ ] |
| Jacket | PVC, Yellow | 0.159 in [4.04 mm] |

### Environmental Specifications

**Temperature**

Operating Range -30 to +75 deg C

### Compliance Certifications (see product page for current document)

### Plotted and Other Data

Notes:

75 Ohm Flexible PE-B159-YW Coax Cable Double Shielded with Yellow PVC 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.

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 PE-B159-YW Coax Cable Double Shielded with Yellow PVC Jacket PE-B159-YW-BULK

URL: https://www.pasternack.com/75-ohm-flexible-pe-b159-yw-pvc-jacket-aluminum-tape-over-tinned-copper-braid-outer-conductor-double-shielded-yellow-pe-b159-yw-bulk-p.aspx



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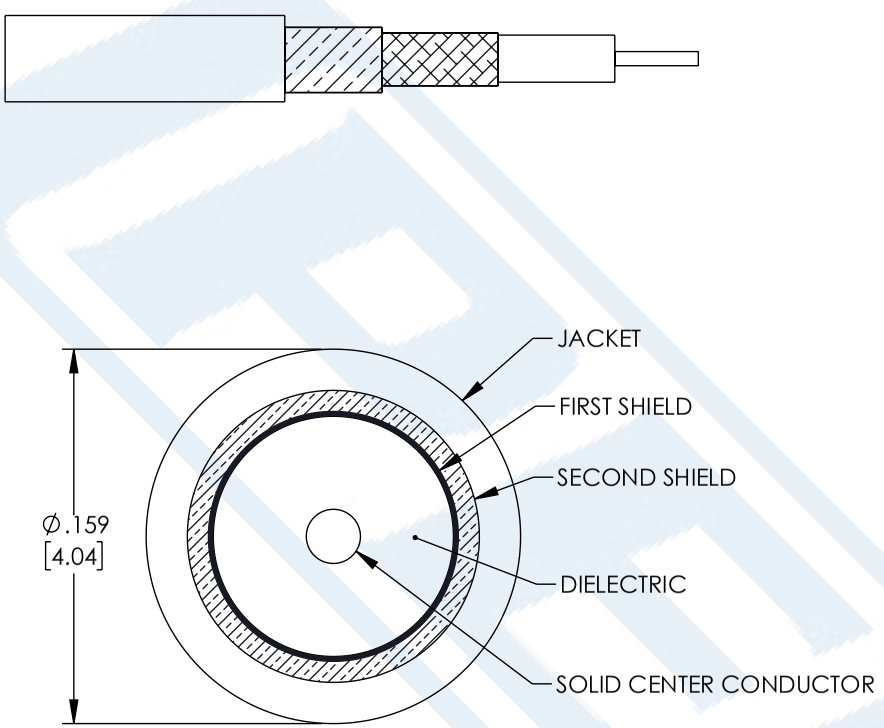
# PE-B159-YW-BULK CAD Drawing

75 Ohm Flexible PE-B159-YW Coax Cable Double Shielded with Yellow PVC Jacket

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




UNLESS OTHERWISE SPECIFIED
LEADING DIMENSIONS ARE INCHES
DIMENSIONS IN [ ] ARE MILLIMETERS

TOLERANCES:

| | |
|---|---|
| .X = ± .2 [5.08] | FRACTIONS |
| .XX = ± .02 [ .51 ] | ± 1/32 |
| .XXX = ± .005 [ .13 ] | ANGLES ± 1° |

CABLE LENGTH (L) TOLERANCES:

L ≤ 12 [305] = +1 [25] / -0
12 [305] < L ≤ 60 [1524] = +2 [51] / -0
60 [1524] < L ≤ 120 [3048] = +4 [102] / -0
120 [3048] < L ≤ 300 [7620] = +6 [152] / -0
300 [7620] < L = +5%L / -0

ALL DIMENSIONS SHOWN
ARE FOR REFERENCE ONLY.

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E-mail: sales@pasternack.com

THIRD-ANGLE PROJECTION



SHEET 1 OF 1

SCALE N/A

| SIZE | CAGE CODE | DRAWN BY | ITEM NO. | REV |
|---|---|---|---|---|
| A | 53919 | DZINN | PE-B159-YW-BULK | A |

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