

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

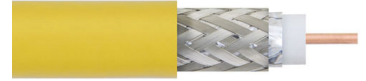
Mechanical Specifications

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](#)



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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](#)

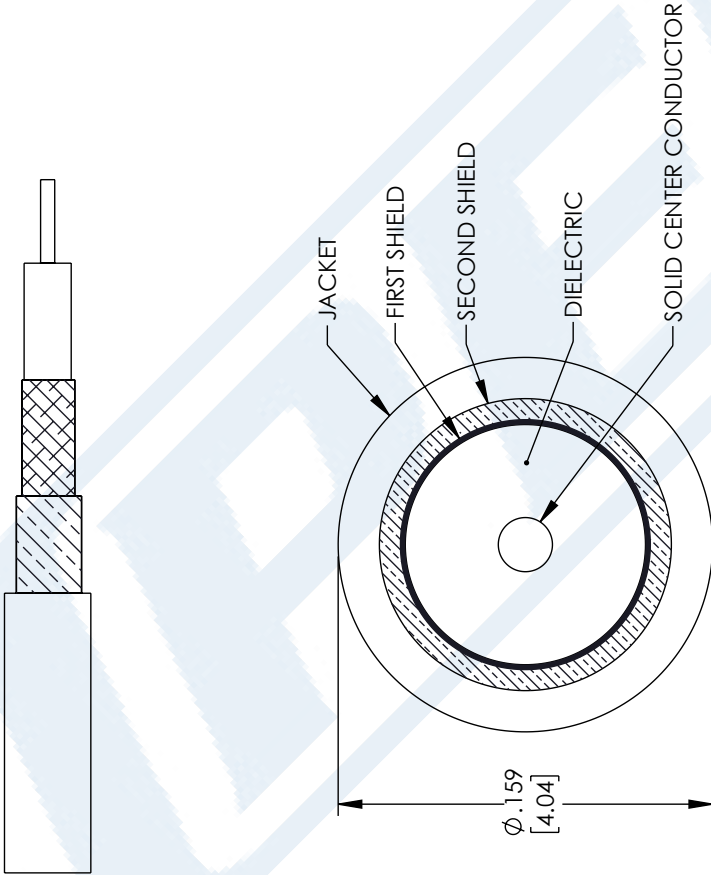
URL: <https://www.pasternack.com/75-ohm-flexible-pe-b159-yw-pvc-jacket-aluminum-tape-over-tinned-copper-braid-outer-conductor-double-shielded-yellow-pe-b159-yw-bulk-p.aspx>

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.

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	[.508]
.XX = ± .02	[.51]
.XXX = ± .005	[.13]
CABLE LENGTH (L) TOLERANCES:	ANGLES ± 1°
L ≤ 12 [305]	± 1/32
12 [305] < L ≤ 60 [1524]	± 1/16
60 [1524] < L ≤ 120 [3048]	± 1/8
120 [3048] < L ≤ 300 [7620]	± 1/4
300 [7620] < L ≤ 500 [12700]	± 3/8
500 [12700] < L ≤ 1000 [25400]	± 1/2
1000 [25400] < L ≤ 2000 [50800]	± 3/4
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