

# 100 Ohm Flexible PE-S330 Twinax Cable

## Double Shielded with Black PVC Jacket

### RF Cables

### Technical Data Sheet

**PE-S330-BULK**

#### Configuration

- Flexible Cable
- 2 Shield(s)

#### Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		400	MHz
Impedance		100		Ohms
Operating Voltage (AC)			300	Vrms
Nominal Capacitance		15.5 [50.85]		pF/ft [pF/m]

#### Performance by Frequency Band

Description	F1	F2	F3	F4	F5	Units
Frequency	10	100	400			MHz
Attenuation, Typ	1.2	4.1	10.2			dB/100ft dB/100m
	3.94	13.45	33.46			

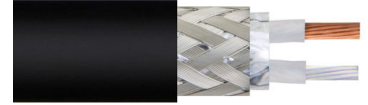
#### Mechanical Specifications

Diameter	0.33 in [8.38 mm]
Weight	0.058 lbs/ft [0.09 kg/m]

#### Construction Specifications

Description	Material and Plating	Diameter
Inner Conductor	Copper, Tin, 7 Strands	0.037 in [0.94 mm]
Conductor Type	Stranded	
Dielectric	PE	0.236 in [5.99 mm]
First Shield	Aluminum Tape	[ ]
Second Shield	Tinned Copper Braid	[ ]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [100 Ohm Flexible PE-S330 Twinax Cable Double Shielded with Black PVC Jacket PE-S330-BULK](#)



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Jacket	PVC, Black	0.33 in [8.38 mm]
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**Environmental Specifications**

**Temperature**

Operating Range

-30 to +75 deg C

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

**Plotted and Other Data**

Notes:

100 Ohm Flexible PE-S330 Twinax Cable Double Shielded with Black 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.

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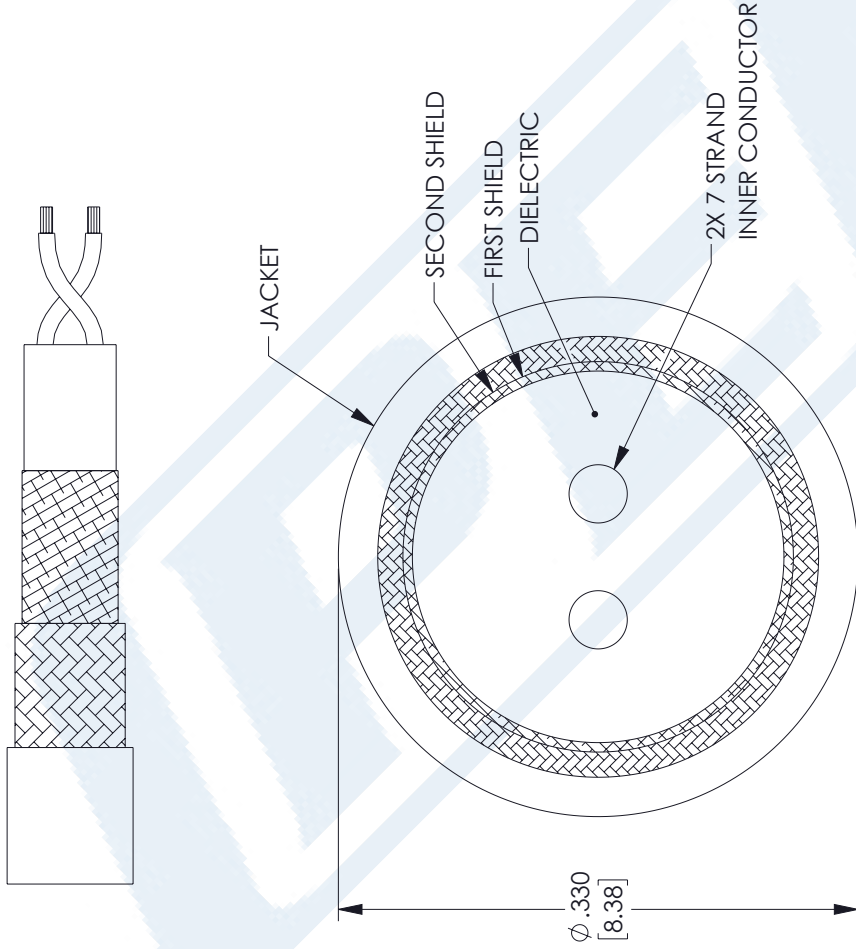
URL: <https://www.pasternack.com/flexible-0.330-100-ohm-twinax-cable-pvc-jacket-pe-s330-bulk-p.aspx>

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-S330-BULK CAD Drawing

100 Ohm Flexible PE-S330 Twinax Cable Double Shielded with Black PVC Jacket

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	03/07/2022	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.

**PE PASTERNAK**  
an INFINITI<sup>®</sup> brand

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ITEM NO. PE-S330-BULK

CAGE CODE DRAWN BY 53919 DZINN

THIRD-ANGLE PROJECTION

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SHEET 1 OF 1

SCALE N/A

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