



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

### TECHNICAL DATA SHEET

PE-S330

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

#### Configuration

Inner Conductor Material and Plating	Copper, Tin
Dielectric Type	PE
Shield Materials	Aluminum Tape, Tinned Copper Braid
Jacket Material and Color	PVC, Black

#### Electrical Specifications

Impedance, Ohms	100
Maximum Operating Frequency, MHz	400
Capacitance, pF/ft [pF/m]	15.5 [50.85]
Maximum Operating Voltage, Volts	300

#### Electrical Specifications by Frequency

##### Frequency 1

Frequency, MHz	10
Attenuation, dB/100ft [dB/100m]	1.2 [3.94]

##### Frequency 2

Frequency, MHz	100
Attenuation, dB/100ft [dB/100m]	4.1 [13.45]

##### Frequency 3

Frequency, MHz	400
Attenuation, dB/100ft [dB/100m]	10.2 [33.46]

#### Mechanical Specifications

##### Temperature

Operating Range, deg C	-30 to +75
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##### Inner Conductor

Number of Strands	7
Material	Copper
Plating	Tin
Diameter, in [mm]	0.037 [0.94]

##### Dielectric:

Type	PE
Diameter, in [mm]	0.236 [5.99]

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](#)

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.



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**Shield:**

Number of	2
Material 1	Aluminum Tape
Material 2	Tinned Copper Braid

**Jacket:**

Material	PVC
Diameter, in [mm]	0.33 [8.38]
Color	Black
Weight, lbs/ft [Kg/m]	0.071 [0.11]

**Compliance Certifications** (visit [www.Pasternack.com](http://www.Pasternack.com) for current document)

**Plotted and Other Data**

Notes: Values at 25 °C, sea level

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 fiber optic products maintain a 99% availability and are part of the broadest selection in the industry.

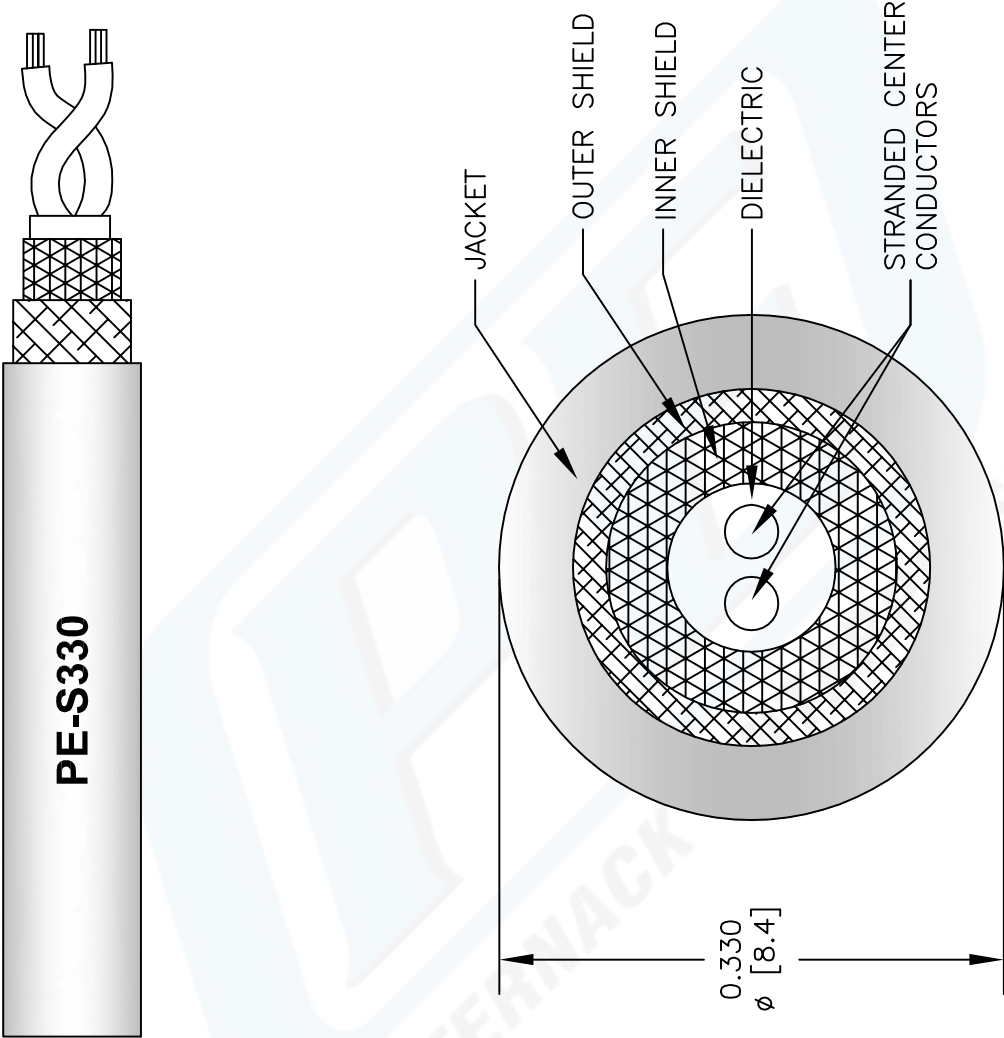
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URL: <http://www.pasternack.com/flexible-0.330-100-ohm-twinax-cable-pvc-jacket-pe-s330-p.aspx>

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PE-S330 CAD Drawing

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NOTES:  
1. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE NOMINAL.  
2. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME.  
3. DIMENSIONS ARE IN INCHES [mm].

DWG TITLE

PE-S330

FSCM NO. 53919

CAD FILE 040113-A

SCALE N/A

SIZE A

127



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