

## Low Loss Flexible Version of 141 Semi-rigid Coax Cable Double Shielded with Blue FEP Jacket

### TECHNICAL DATA SHEET

PE-P141LL

#### Configuration

Cable Design	Low Loss
Inner Conductor Material and Plating	Copper, Silver
Dielectric Type	FEP (AS)
Shield Materials	Silver Plated Copper Tape, Silver Plated Copper Braid
Jacket Material and Color	FEP, Blue

#### Electrical Specifications

Impedance, Ohms	50
Velocity of Propagation, %	87
Time Delay, ns/ft [ns/m]	1.2 [3.94]
Maximum Operating Frequency, GHz	50
Capacitance, pF/ft [pF/m]	23.3 [76.44]

#### Mechanical Specifications

##### Inner Conductor

Number of Strands	1
Material	Copper
Plating	Silver
Diameter, in [mm]	0.045 [1.14]

##### Dielectric:

Type	FEP (AS)
Diameter, in [mm]	0.117 [2.97]

##### Shield:

Number of	2
Material 1	Silver Plated Copper Tape
Material 2	Silver Plated Copper Braid
Diameter, in [mm]	0.138 [3.51]

##### Jacket:

Material	FEP
Diameter, in [mm]	0.158 [4.01]
Color	Blue
One Time Minimum Bend Radius, in [mm]	0.75 [19.05]
Repeated Minimum Bend Radius, in [mm]	1.5 [38.1]
Weight, lbs/ft [Kg/m]	0.024 [0.04]

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

RoHS Compliant	
REACH Compliant	06/18/2012

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Low Loss Flexible Version of 141 Semi-rigid Coax Cable Double Shielded with Blue FEP Jacket PE-P141LL](#)

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#### Plotted and Other Data

Notes:

- Values at +25 °C, sea level

Low Loss Flexible Version of 141 Semi-rigid Coax Cable Double Shielded with Blue FEP Jacket from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99% availability and are part of the broadest selection in the industry.

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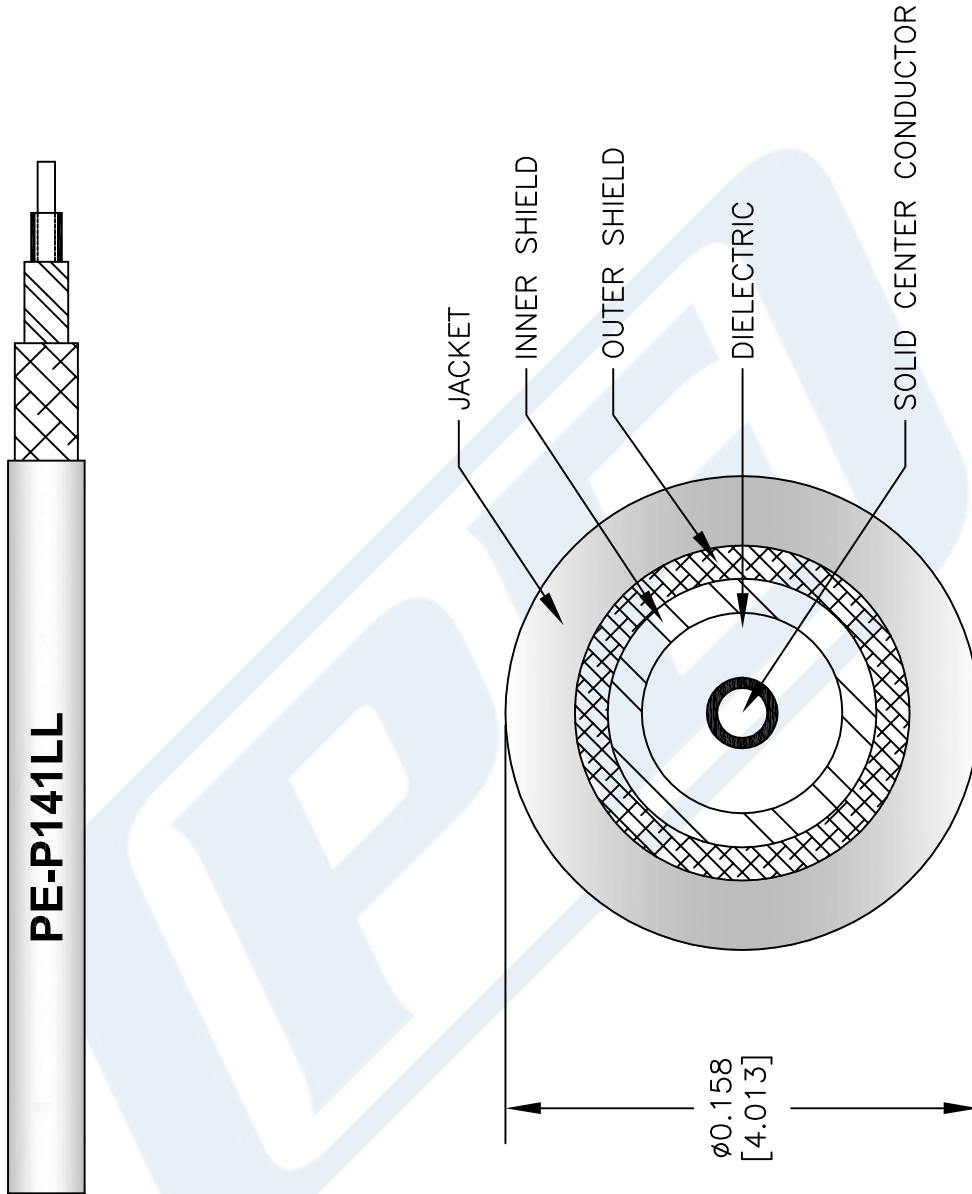
URL: <http://www.pasternack.com/low-loss-0.158-semirigid-replacement-50-ohm-coax-cable-fep-jacket-pe-p141ll-p.aspx>

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-P141LL CAD Drawing

Low Loss Flexible Version of 141 Semi-rigid Coax Cable

Double Shielded with Blue FEP Jacket



#### 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-P141LL**

**FSCM NO. 53919**

**SCALE N/A**

**SIZE A**

**147**



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