



Flexible PE-P141 Coax Cable Double Shielded with Blue FEP Jacket

RF Cables Technical Data Sheet

PE-P141

Configuration

- Flexible Cable
- 2 Shield(s)

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		18	GHz
Cutoff Frequency		34		GHz
Impedance		50		Ohms
Velocity of Propagation		70		%
Shielding Effectiveness	110			dB
Nominal Capacitance		29.4 [96.46]		pF/ft [pF/m]

Performance by Frequency Band

Description	F1	F2	F3	F4	F5	Units
Frequency	0.4	1	2	2.4	3	GHz
Attenuation, Typ	7.1	11.2	16.5	18	21	dB/100ft
	23.29	36.75	54.13	59.06	68.9	dB/100m

Description	F6	F7	F8	F9	F10	Units
Frequency	5	10	18			GHz
Attenuation, Typ	27	41	58			dB/100ft
	88.58	134.51	190.29			dB/100m

Mechanical Specifications

Diameter 0.163 in [4.14 mm]
 Weight 0.028 lbs/ft [0.04 Kg/m]

Construction Specifications

Description	Material and Plating	Diameter
Inner Conductor	Copper Clad Steel, Silver, 1 Strands	0.037 in [0.94 mm]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Flexible PE-P141 Coax Cable Double Shielded with Blue FEP Jacket PE-P141](#)



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Conductor Type	Solid	
Dielectric	PTFE	0.117 in [2.97 mm]
First Shield	Silver Plated Copper Tape	
Second Shield	Silver Plated Copper Braid	
Jacket	FEP, Blue	0.163 in [4.14 mm]

Environmental Specifications

Temperature

Operating Range -55 to +200 deg C

Compliance Certifications (visit www.Pasternack.com for current document)

RoHS Compliant

REACH Compliant 12/17/2015

Plotted and Other Data

Notes:

Flexible PE-P141 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.

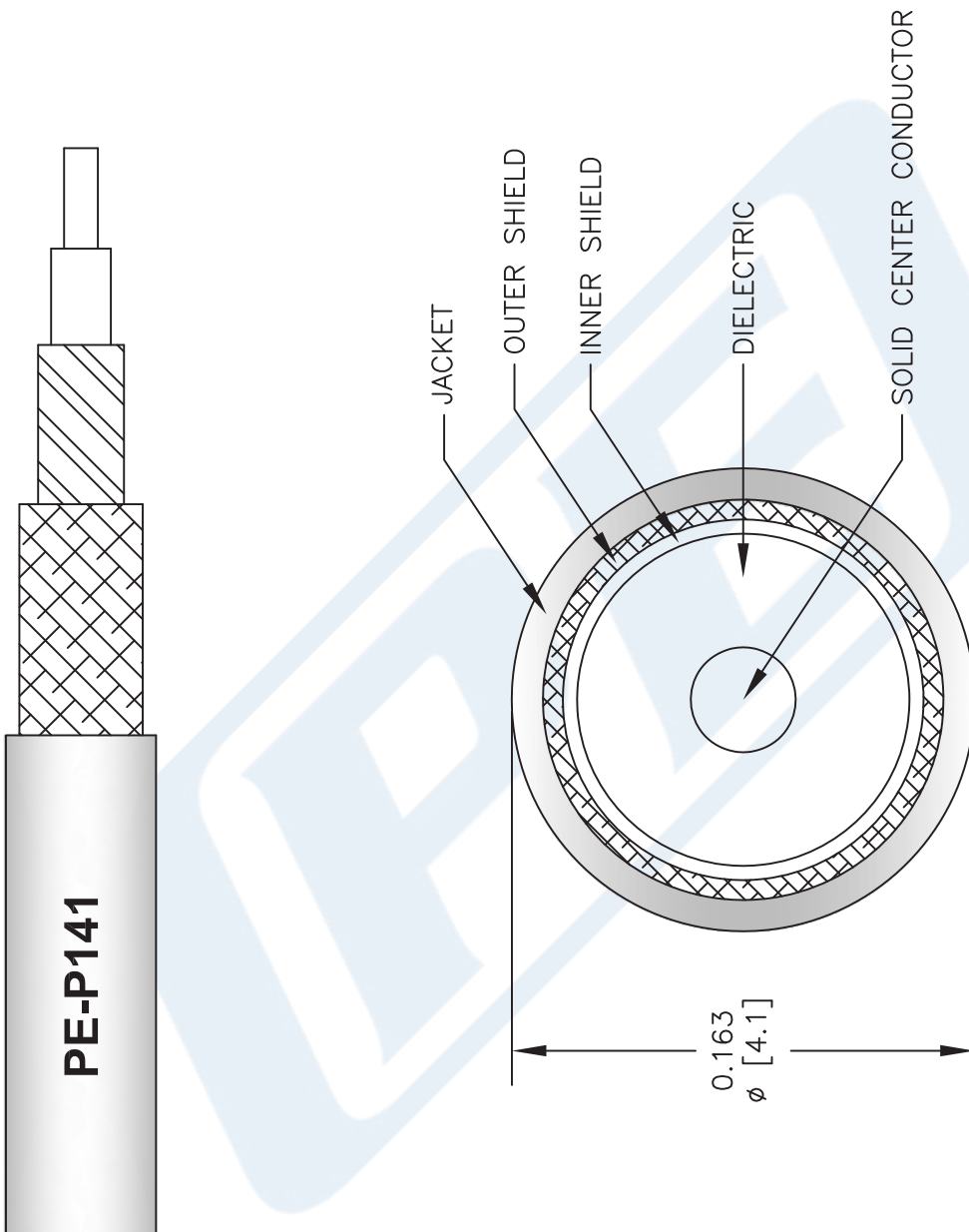
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Flexible PE-P141 Coax Cable Double Shielded with Blue FEP Jacket PE-P141](#)

URL: <http://www.pasternack.com/50-ohm-flexible-pe-p141-fep-jacket-silver-plated-copper-tape-over-silver-plated-copper-braid-outer-conductor-double-shielded-blue-pe-p141-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-P141 CAD Drawing

Flexible PE-P141 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-P141

FSCM NO. 53919

CAD FILE 111612-B

SCALE N/A

SIZE A

2233

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