

118 Semi-rigid Coax Cable with Copper Outer Conductor

TECHNICAL DATA SHEET

PE-118SR

118 Semi-rigid Coax Cable with Copper Outer Conductor

Configuration

Inner Conductor Material and Plating	Copper, Silver
Dielectric Type	PTFE (LD)
Shield Materials	Copper
Jacket Material and Color	Tan

Electrical Specifications

Impedance, Ohms	50
Maximum Operating Frequency, GHz	46
Maximum Operating Voltage, Volts	3,000

Electrical Specifications by Frequency

Frequency 1

Frequency, MHz	1000
Attenuation, dB/100ft [dB/100m]	12.5 [41.01]
Power Handling, Watts	500

Frequency 2

Frequency, GHz	10
Attenuation, dB/100ft [dB/100m]	42.5 [139.44]
Power Handling, Watts	144

Frequency 3

Frequency, GHz	20
Attenuation, dB/100ft [dB/100m]	62.5 [205.05]
Power Handling, Watts	96

Mechanical Specifications

Temperature

Operating Range, deg C	-55 to +200
------------------------	-------------

Inner Conductor

Number of Strands	1
Material	Copper
Plating	Silver
Diameter, in [mm]	0.032 [0.81]

Dielectric:

Type	PTFE (LD)
Diameter, in [mm]	0.097 [2.46]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [118 Semi-rigid Coax Cable with Copper Outer Conductor PE-118SR](#)

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.

118 Semi-rigid Coax Cable with Copper Outer Conductor

TECHNICAL DATA SHEET

PE-118SR

Shield:

Number of	1
Material 1	Copper
Diameter, in [mm]	0.118 [3]

Jacket:

Color	Tan
One Time Minimum Bend Radius, in [mm]	0.4 [10.16]
Weight, lbs/ft [Kg/m]	0.02 [0.03]

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

Plotted and Other Data

Notes: Values at 25 °C, sea level

118 Semi-rigid Coax Cable with Copper Outer Conductor 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.

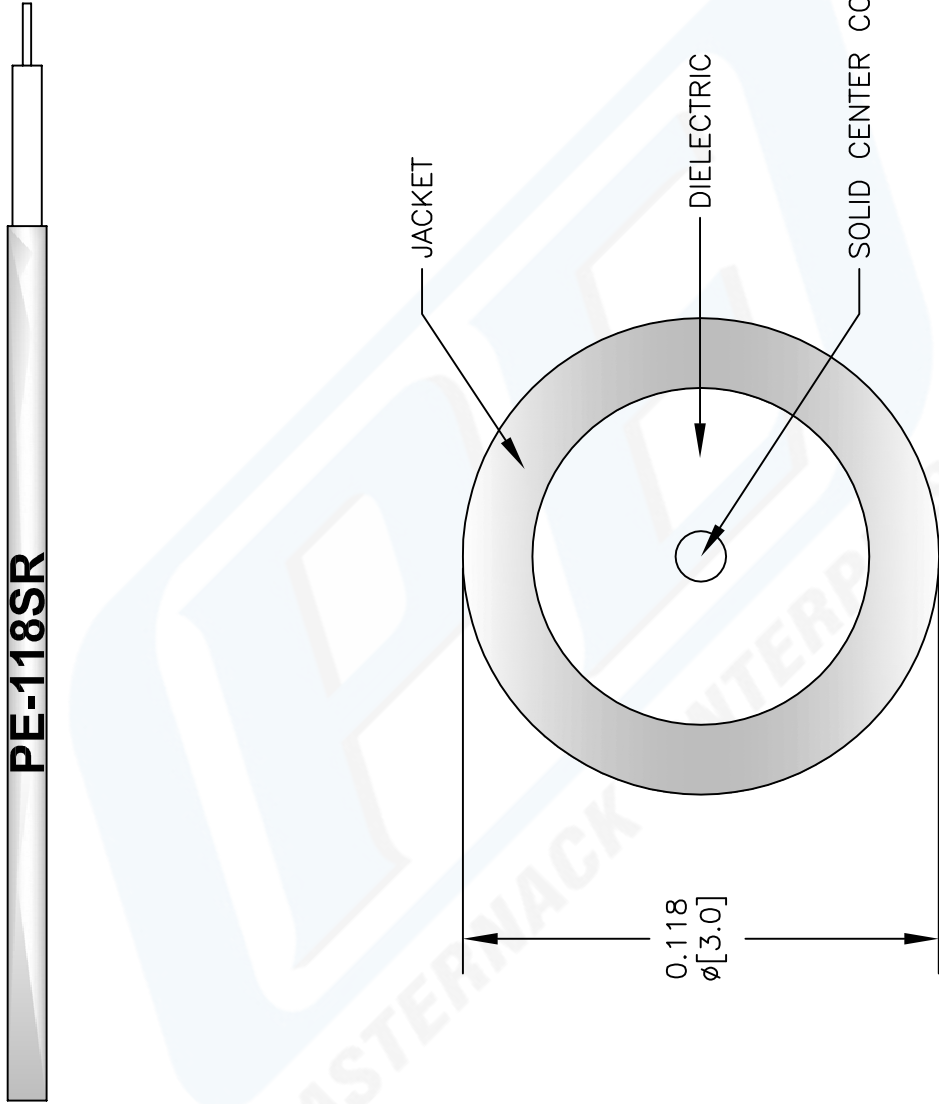
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [118 Semi-rigid Coax Cable with Copper Outer Conductor PE-118SR](#)

URL: <http://www.pasternack.com/semirigid-0.118-50-ohm-coax-cable-copper-pe-118sr-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.

PE-118SR CAD Drawing

118 Semi-rigid Coax Cable with Copper Outer Conductor



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		CAD FILE		SCALE	SIZE
PE-118SR		022808-A	N/A	A	147
REV. A	FSCM NO. 53919				

PE PASTERNAK®
 Pasternack Enterprises, Inc.
 P.O. Box 16759 | Irvine | CA | 92623
Phone: (949) 261-1920 | **Fax:** (949) 261-7451
Website: www.pasternack.com | **E-Mail:** sales@pasternack.com