75 Ohm Flexible RG59 Plenum Rated Coax Cable
Single Shielded with White PVC Jacket

TECHNICAL DATA SHEET	RG59-P

Configuration

Cable Design	Plenum
Inner Conductor Material and Plating	Copper
Dielectric Type	FEP (F)
Shield Materials	Copper Braid
Jacket Material and Color	PVC, White

Electrical Specifications

Impedance, Ohms	75
Velocity of Propagation, %	82
Maximum Operating Frequency, MHz	1000
Capacitance, pF/ft [pF/m]	16.5 [54.13]

Electrical Specifications by Frequency

Frequency 1

Frequency, MHz	100
Attenuation, dB/100ft [dB/100m]	3 [9.84]

Frequency 2

Frequency, MHz	200
Attenuation, dB/100ft [dB/100m]	4.5 [14.76]

Frequency 3

Frequency, MHz	400
Attenuation, dB/100ft [dB/100m]	6.6 [21.65]

Frequency 4

Frequency, MHz	1000
Attenuation, dB/100ft [dB/100m]	10.9 [35.76]

Mechanical Specifications

Temperature

Operating Range, deg C	-40 to +80

Inner Conductor

Number of Strands	7
Material	Copper
Diameter, in [mm]	0.03 [0.76]

Dielectric:

Type	FEP (F)
Diameter, in [mm]	0.138 [3.51]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: 75 Ohm Flexible RG59 Plenum Rated Coax Cable Single Shielded with White PVC Jacket RG59-P

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Shield:

Number of	1
Material 1	Copper Braid

Jacket:

Material	PVC
Diameter, in [mm]	0.194 [4.93]
Color	White
Weight, lbs/ft [Kg/m]	0.03 [0.04]

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

Plotted and Other Data
Notes:
- Values at +25 °C, sea level
- UL Type: CMP, CL2P

75 Ohm Flexible RG59 Plenum Rated Coax Cable Single Shielded with White PVC 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.
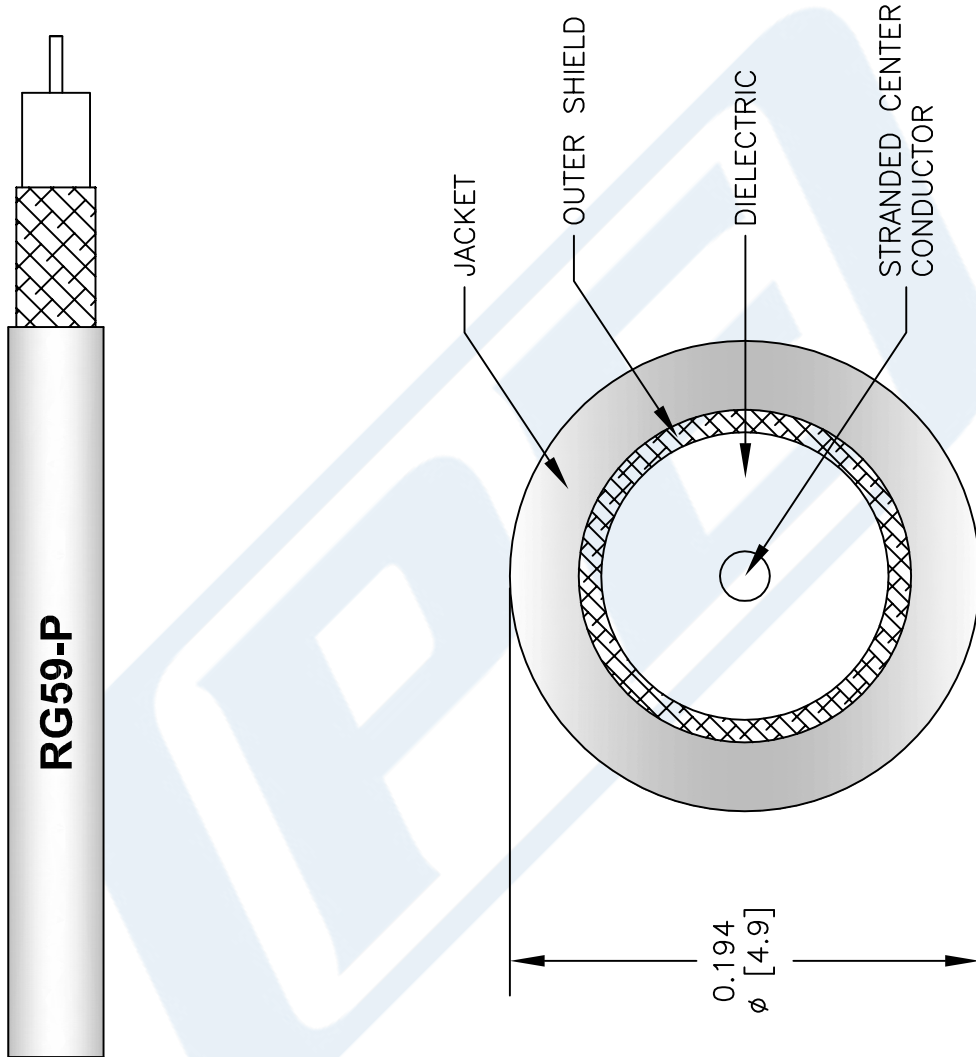
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URL: http://www.pasternack.com/flexible-0.194-rg59-plenum-75-ohm-coax-cable-fep-jacket-rg59-p-p.aspx

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.

Pasternack Enterprises, Inc. • P.O. Box 16759, Irvine, CA 92623
Phone: (866) 727-8376 or (949) 261-1920 • **Fax:** (949) 261-7451
Sales@Pasternack.com • Techsupport@Pasternack.com

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RG59-P CAD Drawing
75 Ohm Flexible RG59 Plenum Rated Coax Cable Single Shielded with White PVC Jacket

RG59-P

JACKET

OUTER SHIELD

DIELECTRIC

STRANDED CENTER
CONDUCTOR

Ø 0.194 [4.9]

DWG TITLE	CAD FILE	SCALE	SIZE	
RG59-P	040113-B	N/A	A	147
FSCM NO. 53919			REV. B	

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P.O. Box 16759 | Irvine | CA | 92623

Phone: (949) 261-1920 | **Fax:** (949) 261-7451
Website: www.pasternack.com | **E-Mail:** sales@pasternack.com

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