

Flexible RG188 Coax Cable Double
Shielded with White PTFE Jacket

TECHNICAL DATA SHEET

RG188-DS

Flexible RG188 Coax Cable Double Shielded with White PTFE Jacket

Configuration

Inner Conductor Material and Plating	Copper Clad Steel, Silver
Dielectric Type	PTFE
Shield Materials	Silver Plated Copper Braid, Silver Plated Copper Braid
Jacket Material and Color	PTFE, White

Electrical Specifications

Impedance, Ohms	50
Maximum Operating Frequency, GHz	10
Capacitance, pF/ft [pF/m]	29.4 [96.46]
Maximum Operating Voltage, Volts	1,200

Electrical Specifications by Frequency

Frequency 1

Frequency, MHz	10
Attenuation, dB/100ft [dB/100m]	3.8 [12.47]
Power Handling, KWatts	1.25

Frequency 2

Frequency, MHz	100
Attenuation, dB/100ft [dB/100m]	11.5 [37.73]
Power Handling, Watts	450

Frequency 3

Frequency, MHz	1000
Attenuation, dB/100ft [dB/100m]	30 [98.43]
Power Handling, Watts	160

Frequency 4

Frequency, GHz	5
Attenuation, dB/100ft [dB/100m]	79 [259.19]
Power Handling, Watts	57

Frequency 5

Frequency, GHz	10
Attenuation, dB/100ft [dB/100m]	133 [436.35]
Power Handling, Watts	30

Mechanical Specifications

Temperature

Operating Range, deg C	-55 to +250
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Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Flexible RG188 Coax Cable Double Shielded with White PTFE Jacket RG188-DS](#)

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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Inner Conductor

Number of Strands	7
Material	Copper Clad Steel
Plating	Silver
Diameter, in [mm]	0.02 [0.51]

Dielectric:

Type	PTFE
Diameter, in [mm]	0.06 [1.52]

Shield:

Number of	2
Material 1	Silver Plated Copper Braid
Material 2	Silver Plated Copper Braid

Jacket:

Material	PTFE
Diameter, in [mm]	0.122 [3.1]
Color	White
Weight, lbs/ft [Kg/m]	0.016 [0.02]

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

RoHS Compliant	Yes
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Plotted and Other Data

Notes:	Values at 25 °C, sea level
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Flexible RG188 Coax Cable Double Shielded with White PTFE 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.

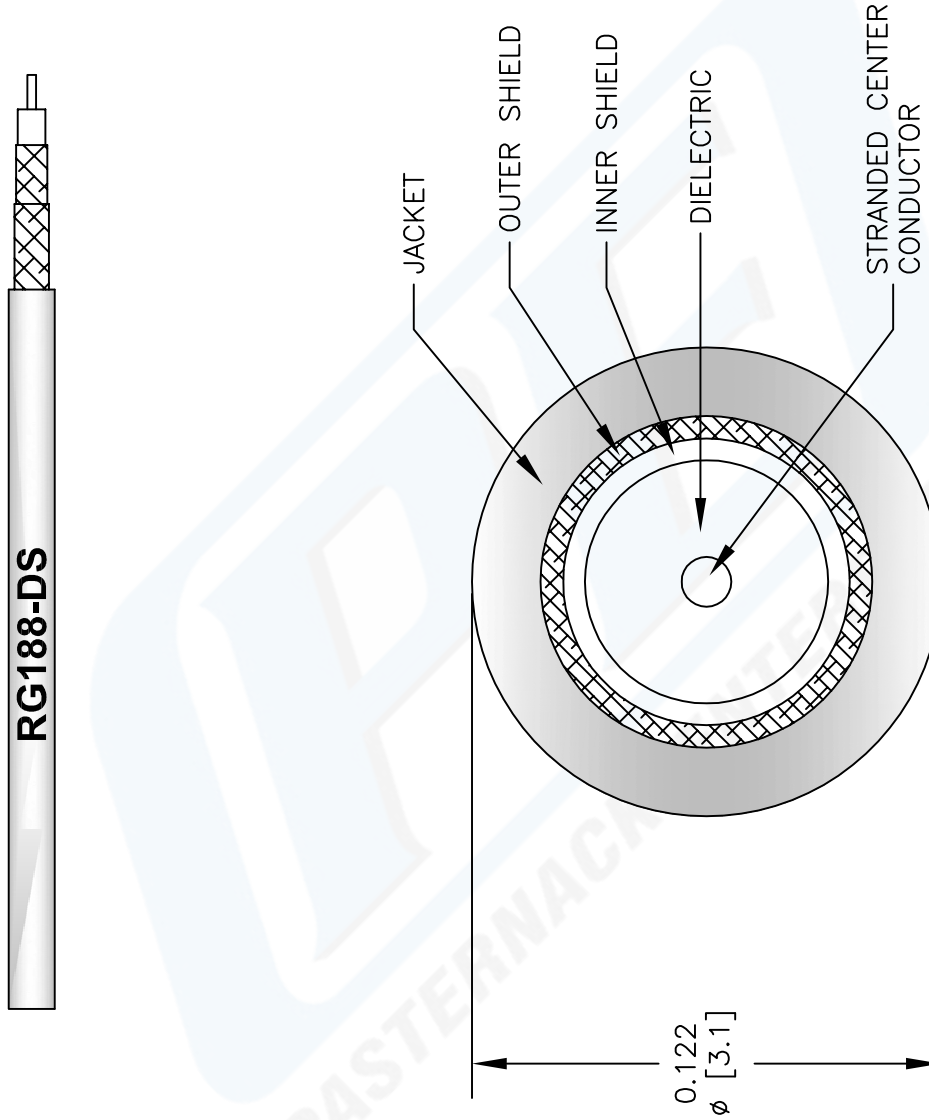
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Flexible RG188 Coax Cable Double Shielded with White PTFE Jacket RG188-DS](#)

URL: <http://www.pasternack.com/flexible-0.122-rg188-ds-50-ohm-coax-cable-ptfe-jacket-rg188-ds-p.aspx>

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RG188-DS 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
RG188-DS

REV. B FSCM NO. 53919

CAD FILE 040113-B SCALE N/A SIZE A 147

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