



Flexible RG58 Coax Cable Single Shielded With Blue TPX Jacket, Rated To 150° C

TECHNICAL DATA SHEET

RG58-TPX

Configuration

Inner Conductor Material and Plating	Copper
Dielectric Type	TPX
Shield Materials	Tinned Copper Braid
Jacket Material and Color	TPX, Blue

Electrical Specifications

Impedance, Ohms	50
Velocity of Propagation, %	69
Maximum Operating Frequency, GHz	6
Capacitance, pF/ft [pF/m]	97 [318.24]
Maximum Operating Voltage, Volts	1,400

Electrical Specifications by Frequency

Frequency 1

Frequency, MHz	450
Attenuation, dB/100ft [dB/100m]	37 [121.39]

Frequency 2

Frequency, MHz	900
Attenuation, dB/100ft [dB/100m]	58 [190.29]

Frequency 3

Frequency, GHz	18
Attenuation, dB/100ft [dB/100m]	85 [278.87]

Frequency 4

Frequency, GHz	2.4
Attenuation, dB/100ft [dB/100m]	113 [370.73]

Frequency 5

Frequency, GHz	3
Attenuation, dB/100ft [dB/100m]	116 [380.58]

Mechanical Specifications

Temperature

Operating Range, deg C	-40 to +150
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Inner Conductor

Number of Strands	1
Material	Copper
Diameter, in [mm]	0.035 [0.89]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Flexible RG58 Coax Cable Single Shielded With Blue TPX Jacket, Rated To 150° C RG58-TPX](#)



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With Blue TPX Jacket, Rated To 150° C

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Dielectric:

Type	TPX
Diameter, in [mm]	0.11 [2.79]

Shield:

Number of	1
Material 1	Tinned Copper Braid
Diameter, in [mm]	0.13 [3.3]

Jacket:

Material	TPX
Diameter, in [mm]	0.19 [4.83]
Color	Blue
One Time Minimum Bend Radius, in [mm]	1.9 [48.26]

Compliance Certifications (visit www.Pasternack.com for current document)
Not RoHS Compliant

Plotted and Other Data

Notes:

- Values at +25 °C, sea level

Flexible RG58 Coax Cable Single Shielded With Blue TPX Jacket, Rated To 150° C 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 RG58 Coax Cable Single Shielded With Blue TPX Jacket, Rated To 150° C RG58-TPX](http://www.pasternack.com/50-ohm-flexible-tinned-copper-braid-outer-conductor-single-shielded-blue-rg58-tpx-p.aspx)

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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.