



## 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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### TECHNICAL DATA SHEET

RG58-TPX

#### 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](http://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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