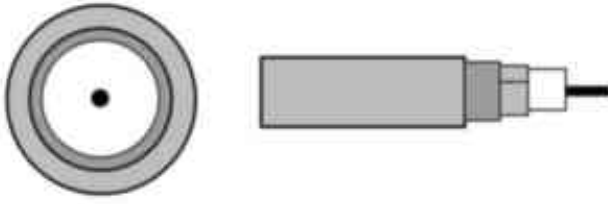


**BG1461**

Part Number: BG1461

COAX RF BG1461 PVC



**Product Description**

COAX RF BG1461 PVC

**Technical Specifications**

**Bend Radius**

Min Bend Radius (W/o Pulling Strength):	120 mm
Min Setting Radius:	30 mm

**Environmental Characteristics**

Operating Temp Range:	-40 to +70 °C
Storage Temp Range:	-40 to +70 °C

**History**

Revision Date:	2009-09-14
Revision Number:	5

**Stripping Performance**

Adhesion Dielectric:	Min. 5 at 100mm
Adhesion Jacket:	5-15 N at 100mm

**Impedance:**

Nominal Characteristic Impedance	
50 mOhm/ft	3 Ohm

**Conductor DCR:****Max. Conductor DCR**

14.2 Ohm/100m

**Power Rating:****Frequency [MHz]****Max. Power Rating [W]**

50 MHz 350 W

100 MHz 240 W

200 MHz 165 W

300 MHz 130 W

500 MHz 100 W

1,000 MHz 65 W

1,500 MHz 40 W

2,000 MHz 40 W

2,500 MHz 40 W

**Delay:****Nominal Velocity of Propagation (VP)**

81 ns/100m

**High Freq:****Element****Frequency [MHz]****Min. RL (Return Loss)**

50 - 500 MHz 22 dB

500 - 880 MHz 20 dB

880 - 960 MHz 20 dB

960 - 1710 MHz 18 dB

1710 - 2170 MHz 18 dB

2170 - 2500 MHz 16 dB

In each frequency band, 3 peak values up to 4 dB lower are allowed

**Screening:****Frequency****Min. Screening Attenuation**



Braid	2	Tinned copper	75 %
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## Product Variants

Part Number	Color	Put-Up Type	Length
BG1461+012000	BLACK, RAL 9005	Reel	2000 m

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