



BROADBAND ATTENUATOR – 2 Watt BNC

MODEL 6902-dB-BNC

Coaxial Dynamics' Model 6902 series of broadband 2 Watt BNC attenuators are rated from DC to 4 GHz. They are suitable for impedance matching, receiver or low power transmitter padding as well as general test and measurement applications including WiFi, WiMax and WiBro. The maximum VSWR is 1.25:1 at 4 GHz and the accuracy is +/- 0.3dB to +/- 0.75dB depending upon the attenuation value. Standard attenuation values include 3, 6, 10, 20 and 30 dB. Other attenuation values are available on special order. The length is 1.4 inches (3.56cm) maximum including the BNC male and female connectors with a weight of 0.6 ounces (17g).

Model No.	Attenuation
6902-3-BNC	3 dB
6902-6-BNC	6 dB
6902-10-BNC	10 dB
6902-20-BNC	20 dB
6902-30-BNC	30 dB

Coaxial Dynamics was founded in 1969 and is located in Middleburg Heights, OH near Cleveland, Ohio, USA. The company has been a leading manufacturer of precision equipment for test and measurement, attenuation, termination and filtering of RF power from 1 Watt to 200 Kilowatts. Engineers and technicians in a wide variety of markets throughout the world use Coaxial Dynamics' products. Application examples include Analog and Digital Radio and TV Broadcast, Telecommunications, Military, Aerospace, Scientific and Land Mobile markets.



- Broad Bandwidth with Superior VSWR at Lower Frequencies
- Power Handling up to 2 Watts CW and 250 Watts Peak
- Short Length for Cleaner Panel and Cable Installations
- Two Year Limited Warranty

Specifications

Frequency Range:	DC to 4 GHz
Standard dB Values:	3, 6, 10, 20 and 30 dB
Attenuation Accuracy:	+/- 0.3 db +/- 0.5 db +/- 0.75 db
VSWR:	1.25:1 Max DC to 4 GHz
Input Power:	2 Watts @ +25°C Derated linearly to 0.5 Watts @ +125°C
Peak Power:	250 Watts Max
Impedance:	50 Ohms Nominal
Operating Temp Range:	-65 to +125°C
Connectors:	BNC Male / BNC Female
Finish:	Nickel Plated Brass
Conductors:	Gold Plated Beryllium Copper or Brass
Nominal Size:	0.58" Dia x 1.40" L (1.47cm x 3.56cm)
Weight:	0.6 oz (17g)