



# BNC ATTENUATORS

## PART NUMBER AND DESCRIPTION

Part No.	Attenuation (dB)	Impedance (Ohm)	Frequency (GHz)	Power (Watt)
120082	3	50	0 to 1	1
120083	6	50	0 to 1	1
120084	10	50	0 to 1	1
120085	20	50	0 to 1	1
120086	Attenuator kit containing one each of the above attenuators in a hard case.			

## APPLICATIONS

Increase the input range of an oscilloscope.  
Reduce the output level of fixed amplitude signal sources.  
Connect low impedance sources to instruments with high-impedance inputs.

## SPECIFICATIONS

**Material:** Tin-Zinc-Copper Plating

**Nominal Impedance:** 50Ω

**Operating Temperature:** -50 to 80°C

**VSWR Deviation:** 0.1% over operating temperature range

**Power Rating:** 1W over operating temperature range

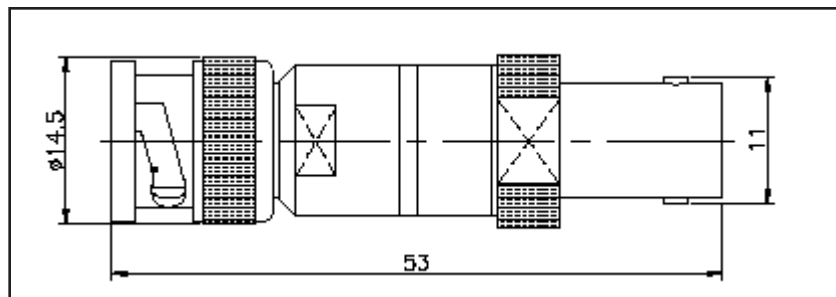
**Peak Power Rating:** 100W for 25 microseconds

**Power Coefficient:** 0.001dB/W change in attenuation with power increase

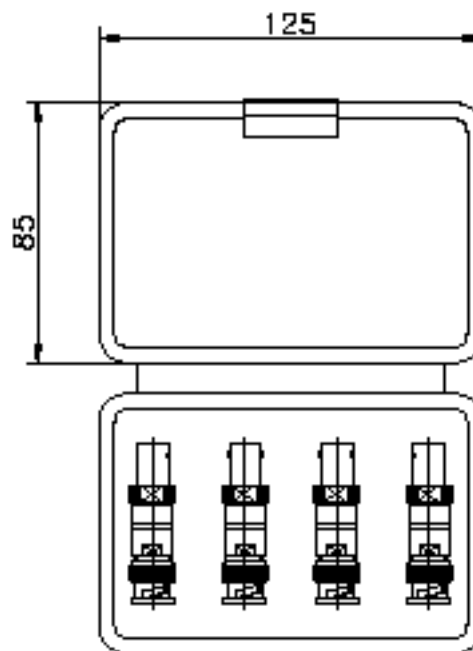
**Temperature Coefficient:** 0.001dB/°C maximum, 0.0003dB/°C typical

## MECHANICAL

Attenuator Dimensions (mm)



120086 Attenuator Kit Case Dimensions (mm)



PACKAGING(scale 5:1)