



**TYPE 9410-1 HIGH VOLTAGE ATTENUATOR
INSTRUCTIONS**

1. The Type 9410-1 is a special purpose attenuator designed to attenuate very short duration, high voltage and relatively low duty cycle pulses. Usually the most important attenuator characteristic is power after attenuation rating in watts. For this attenuator, it is voltage rating.

2. Type 9410-1 Specifications:

- Attenuation 40 dB*
- Voltage Rating 3000 V max.
- Average Watts 2.0 max.
- Frequency Range dc to 1 GHz
- Input Impedance 50 ohms
- Output Impedance 50 ohms
- Weight 0.4 lb (0.18 kg)
- Connectors Input: Type N, male
. Output: type BNC, Female
- VSWR Input: <20 MHz: <1.3; <70 MHz: <1.5;
. <100 MHz: <1.8
. Output: <150 MHz: <1.2; <200 MHz: <1.3;
. <500 MHz: <1.7; <1GHz: <3.0

* dc to 100 MHz, ± 0.5 dB; 100 MHz to 1 GHz , ± 3 dB;

3. The high voltage source should only be connected to the INPUT end of attenuator. The OUTPUT connector is not protected for high voltage pulses and will only withstand 250 volts and 0.25 watts average.

4. Each high voltage attenuator is serialized and calibrated. A graph of attenuation in dB vs frequency (300 kHz to 1 GHz) taken in a 50 ohm system is supplied with each attenuator.



Solar Type 9410-1 High Voltage 40dB Attenuator.

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