



# SOLAR ELECTRONICS COMPANY

A division of A.T. Parker, Inc.

## TYPE 9410-1N HIGH VOLTAGE ATTENUATOR

Rev. 1.0 March 26, 2012  
Rev. 1.1 August 13, 2015  
Rev. 1.2 November 16, 2018  
Rev. 1.3 March 13, 2023

The Solar Type 9410-1N is a special purpose attenuator;  
Designed to attenuate very short duration, high voltage pulses.

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 lbs. (0.18 kg)
Connectors	Input: Type N, male Output: Type BNC, female
VSWR	Input: <1.3 @ 20 MHz; <1.8 @ 100 MHz Output: <1.3 @ 200 MHz; <3 @ 1 GHz
* dc to 100 MHz, + 1.5 dB; 100 MHz to 1 GHz, + 3 dB;	

Each high-voltage attenuator is serialized and calibrated.  
A graph of attenuation in dB vs. frequency (100 Hz to 1 GHz)  
taken in a 50 ohm system is supplied with each attenuator.

### Caution:

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



Solar Type 9410-1 High  
Voltage 40 dB Attenuator

03/13/2023

J.Fernandez

## SOLAR ELECTRONICS COMPANY

A Division of A.T. Parker, Inc. | EMI solutions since 1960

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