

## ESD - Verification Set (4 GHz)

### SESD 8800-4



#### Introduction:

ESD - Generators verified according to the standard International Electro technical Commission 61000-4-2. The measurements of the single pulses take place with a special 2 ohm shunt.

For the correct verification of the ESD impulses an oscilloscope with a minimum band width of 1 GHz is necessary.

The ESD verification set SESD 8800-4 works to 4 GHz and is appropriate for the future normative measurements with a band width of 2 GHz (see newest draft standards).

#### Technical data:

Structure:	In accordance with IEC 61000-4-2 Ed. 2.0; IEC 77B/574/FDIS, distributed on 2008-09-19
Measurement resistor 2 ohms target:	2,04 Ohm +/- 2,5%
Attenuator:	Weinschel Model 2, 20dB
Test lead:	Low Loss cable 1m with BNC-connector (Oscilloscope side)
Deviation of the insert attenuation:	+/- 0,3 dB until 1 GHz +/- 1,0 dB until 4 GHz Measurement with attenuator and cable
Maximum pulse voltage:	30 kV
Weight:	1,0 kg
Part code:	SESD 8800-4

#### Include:

- 2 Ohm ESD – target (4 GHz)
- 20 dB attenuator
- Koax cable 1m
- Calibration certificate (PTB) with data of the S-parameters in the frequency range up to 4 GHz