

ESD - Verification Set (4 GHz)

SESD 8800-4



Introduction:

ESD - Generators verified according to the standard International Electro technical Commission 61000-4-2, ISO 10605 and other. The measurements of the single pulses take place with a special 2 ohm shunt. For the correct verification of the ESD impulses an oscilloscope is necessary with a minimum bandwidth of

- 2 GHz acc. IEC 61000-4-2, 2008 and
- 1 GHz acc. ISO 10605, 2008.

The ESD verification set SESD 8800-4 works up to 4 GHz and fulfilled the request of the double bandwidth regarding to the measurement bandwidth.

Technical data:

Structure:	In accordance with IEC/EN 61000-4-2, ISO 10605 and other
Measurement resistor 2 ohms target:	1,96 Ohm +/- 2,5% with connected attenuator
Attenuator:	Weinschel Model 2, 20dB
Test lead:	Low Loss cable 1m (0,7m) with BNC-connector (Oscilloscope side)
Deviation of the insert attenuation:	+/- 0,5 dB until 1 GHz +/- 1,2 dB between 1 GHz and 4 GHz Measurement with attenuator and cable
Maximum pulse voltage:	30 kV
Weight:	550 g
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