

# SESD 8800-4, 8800-4\_S

## ESD Verification Set (4 GHz)

### IEC / EN 61000-4-2, ISO 10605

- Attenuator:
  - SESD 8800-4:** 20 dB (max. 16 kV)
  - SESD 8800-4\_S:** 30 dB (max. 30 kV)
- Accredited Calibration Certificate (PTB)



**Available in two versions**  
**Attenuator: 20 and 30 dB**

### Overview

The measurements of the single pulses are carried out with a special 2 ohm shunt. To properly verify the ESD pulses, an oscilloscope is required with a minimum bandwidth of

- 2 GHz according to IEC 61000-4-2 and
- 1 GHz according to ISO 10605

The ESD Verification Set SESD 8800-4 is rated up to 4 GHz and thus meets the requirements of twice the bandwidth in terms of the measurement bandwidth.

### Technical data

Verification set		Verification set	
Structure	IEC 61000-4-2; ISO 10605	Max. ESD discharge capacitor	500 pF
Measurement resistor 2 Ohm target	1,96 Ohm +/- 2,5 % with connected attenuator	Test lead	Low loss cable 1 m with BNC- connector (oscilloscope side) and N-connector.
Attenuator	<b>SESD 8800-4:</b> 20 dB <b>SESD 8800-4_S:</b> 30 dB	Insertion loss deviation	+/- 0,5 dB until 1 GHz +/- 1,2 dB between 1 and 4 GHz
Max. discharge voltage of the ESD generator	30 kV	Pulse voltage	16 kV max. (20 dB Version) 30 kV max. (30 dB Version)
Min. ESD discharge resistance	330 Ohm	Weight	550 g

### Scope of delivery

- 2 Ohm ESD-target (4 GHz)
- Attenuator
- Koax cable 1 m
- Accredited Calibration Certificate with the S-parameters in the frequency range up to 4 GHz

All information regarding appearance and technical data correspond to the current state of development at the time of release of this data sheet. We reserve the right to make technical changes. 262101

