

ESDGuns.com CST Current Sensing Transducer

Features

- Wideband up to 4GHz
- 0.5A/V transfer impedance, $\pm 1\%$
(with a 20dB attenuator, 5A/V)
- Gold plating surface
- Excellent voltage linearity up to 30kV

Specifications

- Frequency response
DC – 4GHz
< ± 0.5 dB up to 1GHz
< ± 1.2 dB up to 4GHz
- Input Resistance 2.08 Ohm ($\pm 1\%$)
(2.00 Ohm when match with 50 Ohm load)
- Max. IEC Pulse Amplitude
Tested up to ± 30 kV
- Voltage Non-linearity
<2% up to 20kV, < 5% up to ± 30 kV

Standards

- EN/IEC61000-4-2 V2009
- ISO 10605 V2008
- Mil-STD 461G CS118
- RTCA/ DO-160 Section 25

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ESDGuns.com CST Current Sensing Transducer for ESD Generator Tip Verification allows the user to take measurements conforming to the requirements of the most recent version of the IEC 61000-4-2 compliance standard up to 4GHz.

Basic Setup

- CST ESD Current Target
- 20dB Precision Attenuator
- RG400 Coaxial Cable N to SMA
- Traceable Calibration Certificate

Options/Accessories

- 6, 20, 30 dB Precision Attenuators
- RG400 or semi-flex coax cable with choice of connector (N, SMA, BNC)
- ESD Target adapter line

Applications

- Calibration kit for ESD Simulator

Dimension/Weight

- 0.5 kg (1.3 lb)
- D70 x H30 mm

Support/Services

- Lifetime Technical Support
- 1 Year Warranty (Extendable)
- Recalibration Service (Fee applies)

