

MODEL NUMBER:  
**CST2-30**

## ESD Current Target Calibration Kit (DC-4 GHz, 30 KV)

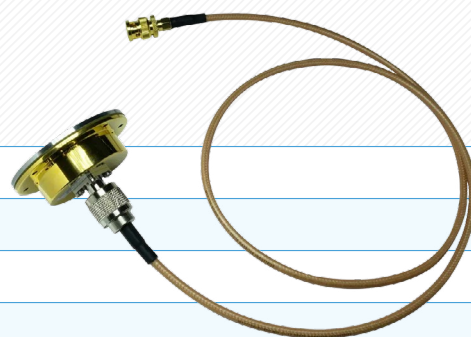


### DESCRIPTION:

Model CST2-30 ESD Current Target Calibration Kit is a wide-band ESD Target for ESD simulator calibration in accordance with the latest standards IEC 61000-4-2 and ISO 10605. The wide-band attenuator provides return loss while the cable is used as the connection to the oscilloscope. The frequency response specifications are taken with the complete assembly.

### SPECIFICATIONS:

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



### APPLICATIONS:

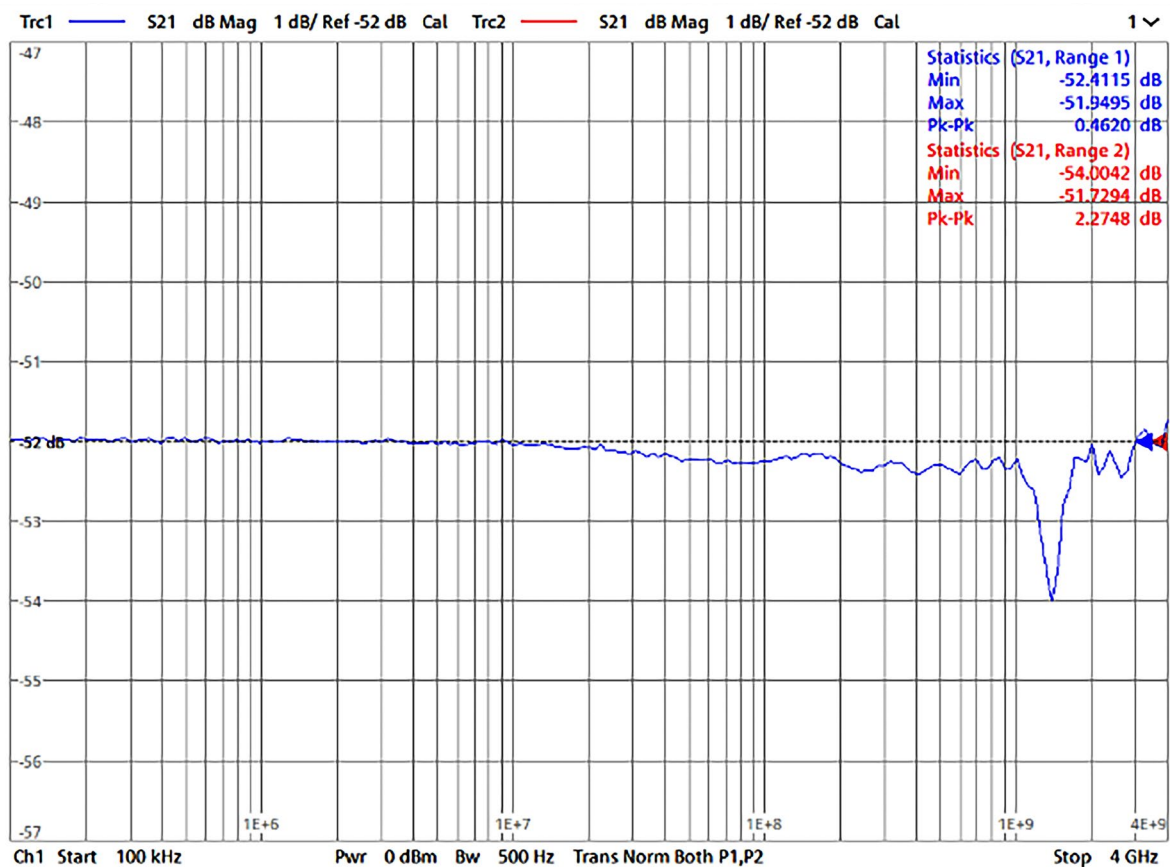
- Calibration kit for ESD simulators
- General wideband ESD current waveform measurement

### SPECIFICATIONS:

Frequency response	DC – 4GHz (S21 < $\pm 0.5$ dB up to 1GHz, < $\pm 1.2$ dB up to 4GHz)
Input resistance	$\leq 2.00 \Omega$ ( $\pm 1\%$ )
Max. IEC Pulse Amplitude	Verified up to $\pm 30$ kV
Voltage Non-linearity	<2% up to 20kV, < 5% up to $\pm 30$ kV
Dimensions	D2.7 x H1.1 inches
Weight	1.1 pound
Warranty	1 year (Extendable)



## INSERTION LOSS 100 kHz to 4 GHz



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