

MODEL NUMBER:  
**CST1**

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

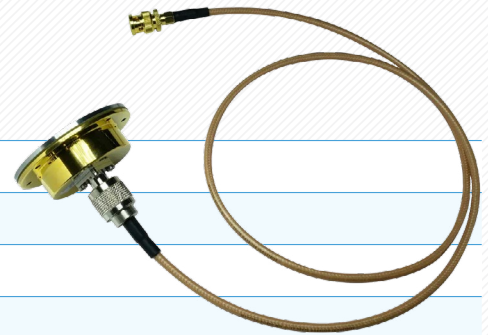


### DESCRIPTION:

Model CST1 ESD Current Target Calibration Kit is a wideband ESD Target for ESD Simulator calibration in accordance to ANSI C63 + MIL. The wideband 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.

### APPLICATIONS:

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



### APPLICATIONS:

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

### SPECIFICATIONS:

Frequency response	DC – 4GHz (S21 $< \pm 0.5$ dB up to 1 GHz, $< \pm 1.2$ dB up to 4 GHz)
Input resistance	1 $\Omega \pm 1\%$
Max. IEC Pulse Amplitude	Verified up to $\pm 30$ kV
Voltage Non-linearity	$< 2\%$ up to 20kV, $< 5\%$ up to $\pm 30$ kV
Dimensions	(D) 2.7 x (H) 1.6 inches
Weight	1.1 pound
Warranty	1 year (Extendable)



# Insertion Loss 100kHz to 4GHz

