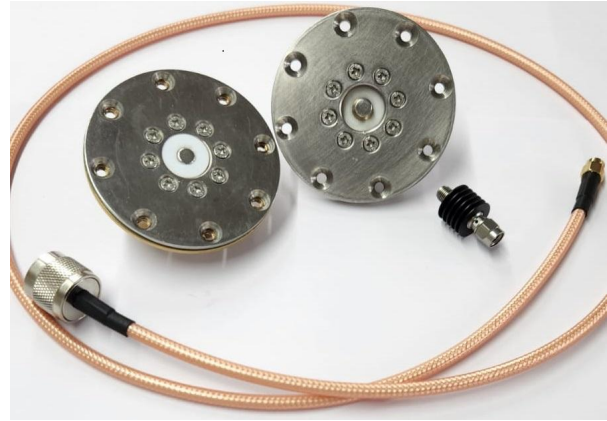


## Calibration Target for ESD Simulator SMTGT-4-2

ESD target is desired for verification of ESD pulses as per IEC61000-4-2 & ISO10605. It is a 2 Ohm shunt across which current verification of ESD pulse i.e. pulse peak current, rise time, pulse current at 30ns and 60ns is done. A 20/30dB attenuator and a RF cable are connected in line with ESD target to an Oscilloscope. For ESD pulse verification according to IEC61000-4-2, a 2GHz DSO and according to ISO10605, a 1GHz DSO is required.



Parameters	Specifications
Measurement Resistor	2.08 ohm ( $\pm 1\%$ )
Max discharge voltage	Up to 30kV
Frequency response	DC-4GHz, $< \pm 0.5\text{dB}$ up to 1GHz, $< \pm 1.2\text{dB}$ up to 4GHz
Transfer impedance	0.2V/A (with 20dB attenuator)
Connector	SMA/N
Coaxial Cable	RG400
Cable Length	1 mtr.
Cable connector	SMA/N male at one side, N on other side

**Standard Accessory:**

- 20/30dB attenuator (SMA/N type), qty 01
- Hard Carrying case, qty 01

**Optional Accessories:**

- **SMA female to BNC male coaxial adapter**
- **SMCA**, Conical adapter for ESD target calibration, includes:
  - Conical adaptor (N type connector), qty 01
  - 10dB attenuators, qty 01
  - RF cable (N type connectors), 60cm., qty 01
- **SMCA Set**, Conical adapters set, includes:
  - Conical adaptor (N type connector), qty 02
  - 10dB attenuators, qty 02
  - RF cable (N type connectors), 60cm., qty 02
  - Hard Carrying case, qty 01