

## **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 Ohm shunt across which 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 (±1%)
Max discharge voltage	Up to 30kV
Frequency response	DC-4GHz, <±0.5dB up to 1GHz, <±1.2dB 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

- 20/30dB attanuator (SMA/N type), qty 01 **Standard Accessory:** 

- 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

## **scientiFic**

Scientific Mes-Technik Pvt. Ltd.

B-14, Pologround, Industrial Estate, Indore 452 015, India

0731-2422330/31/32/33 🗐 0731-2422334 🖂 sales@scientificindia.com







www.scientificindia.com

Bengaluru 080-23452635 Chennai 044-42054180 +917567463752 Gujarat

Hyderabad +917095228811

 □ bangalore@scientificindia.com □ chennai@scientificindia.com

Kolkata +917095228811 Mumbai +919850901735 New Delhi +918889912554

⋈ kolkata@scientificindia.com 

 □ ndelhi@scientificindia.com □ pune@scientificindia.com

 Pune +919850901735