

## ESD Calibration Set

## ESD-CALA

### Datasheet



#### In Compliance with

- > IEC/EN 61000-4-2
- > ISO10605
- > GB/T 17626.2

#### Introduction

ESD-CALA is composed of calibration target BX602, coaxial line and adapter. BX602 is coaxial current target and designed as required by IEC/EN 61000-4-2 ed.2, which is used to monitor and judge whether the EDS pulse waveform output by ESD generators could meet the requirement of regulation or not. The additional attenuator (JZ602 or JZ603) is used for matching the output signal with the input capability of the oscilloscope

#### Features

- > Meet the requirement of IEC61000-4-2 :2008
- > 2  $\Omega$  impedance ( $\pm$  5%)
- > Test voltage up to 30 kV
- > Insertion loss  $\pm$  0.5d B at 1 GHz
- > Insertion loss  $\pm$ 1.2 dB at 4 GHz

#### Application

- > Communication
- > Information technology
- > Telecom
- > Military
- > Medical
- > Aviation
- > Broadcast and TV
- > New energy power
- > Railway

Technical Parameters	
ESD test voltage	Max. 30 kV
Insertion loss	±0.5 dB 1 GHz ±1.2 dB 4 GHz According to “target-attenuator-cable”, no need to test for target
Installation method	The target should be installed on the wall of shielded room or on a metal plate of 1.2m*1.2m at least
Output terminal	Coaxial SMA connector
Attenuator	According to the input power of oscilloscope, connect an attenuator externally to the output of BX602.
Accessories	
ESD calibration target, coaxial line, adapter, user manual	
Options	
BX602-AD	50 ohm , used for BX602 verification; 50 ohm (±2%), 4 GHz,
Calibration adapter	IEC/EN 61000-4-2
JZ602 attenuator	20 dB
JZ603 attenuator	30 dB



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