



# EDS Calibration Kit

## EDS-CALA

- IEC/EN 61000-4-2
- ISO 10605
- GB/T 17626.2

### Features

- > Complies with IEC 61000-4-2:2008,2025
- >  $2\ \Omega(\pm 5\%)$  impedance
- > Max test voltage is 30 kV
- > Insertion loss  $\pm 0.5\ \text{dB}$  at 1 GHz
- > Insertion loss  $\pm 1.2\ \text{dB}$  at 4 GHz

### Introduction

The ESD-CALA calibration Kit complies with the requirements of IEC/EN 61000-4-2. It consists of BX602 calibration target, coaxial cables and adapters.

BX602 is a coaxial current target designed in accordance with IEC/EN 61000-4-2 Ed.2, which is used to monitor and verify whether the ESD pulse waveform parameters output by the ESD generator meet standard specifications.

An external attenuator (JZ602 or JZ603) connected to the target matches the output signal to the oscilloscope input.

### Application Areas



## Technical Parameters

|                 |                                                                                                                      |
|-----------------|----------------------------------------------------------------------------------------------------------------------|
| Test Voltage    | Max. 30 kV                                                                                                           |
| Insertion Loss  | $\pm 0.5$ dB 1 GHz; $\pm 1.2$ dB 4 GHz                                                                               |
| Mounting Method | The target shall be mounted on the wall of a shielded room or on a metal plate with an area of at least 1.2 m*1.2 m. |
| Output Terminal | Coaxial SMA connector                                                                                                |
| Attenuator      | Connect an external attenuator to the output terminal of BX602 according to the input power of the oscilloscope.     |

## Standard Accessories

ESD Calibration Target, Coaxial Cable, Adapter, User Manual

## Optional Accessories

|   |                              |                                                                                   |                                                                                     |
|---|------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| 1 | Attenuator: JZ602            | 20 dB                                                                             |  |
| 2 | Attenuator: JZ603            | 30 dB                                                                             |  |
| 3 | Calibration Adapter BX602-AD | 50 $\Omega$ matching cable for TCA 02 verification; 50 $\Omega$ $\pm 2\%$ , 4 GHz |                                                                                     |

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