

MP ESD Field set

Measurement of ESD Generator Fields



Short description

The MP ESD measuring field set is used to measure electric and magnetic fields of an ESD generator. In addition to the testing pulse, the ESD generators also emit electric and magnetic interference fields. Additionally to the test pulse these interference fields influence the device under test. These undefined influences falsify the ESD testing result. With the MP ESD measuring field set at the working place, the developer can measure the additional ESD generator fields while changing the ESD generator position to the field measuring system.

The knowledge about intensity and local distribution of electric and magnetic interference fields of the ESD generator is an essential help for the interference suppression. On request, the MP ESD measuring field set is available with a taller working space (900 x 500 x 650) mm.

Scope of delivery

- 1x BPM 02, dB/dt Field Meter
- 1x EFM 04, E-Field Meter
- 1x GNDA 02, Ground Adapter 32.9 mm x 32.9 mm
- 1x BZ 23-1, Shielding Material
- 1x SMA-SMB 1 m ds, SMA-SMB Double-Shielded Measurement Cable
- 1x SMA-SMA ge 0.7 m ds, SMA-SMA Measurement Cable, yellow
- 1x SMA-SMA bl 0.7 m ds, SMA-SMA Measurement Cable, blue
- 1x MP ESD Field m, MP ESD Field Set User Manual
- 1x EPM 02, dE/dt Field Meter
- 1x GND 25, Ground Plane
- 1x ZG 23-1, Tent Poles
- 1x GP 23, Ground Plate
- 1x SMA-SMA rt 0.7 m ds, SMA-SMA Measurement Cable, red
- 1x SMA-SMA gr 0.7 m ds, SMA-SMA Measurement Cable, green
- 1x MP ESD field case, System Case

Technical parameters

Frequency range	1 GHz
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Application with MP ESD Field set

