



APPLICATION SHEET

CUSTOMER EQUIPMENT



Equipment at customer sites can include anything from modems, telephones, routers, digital subscriber lines and personal computers. International Telecommunications Union (ITU) requirement K21 covers resistibility of equipment installed in customer premises to over voltages and over currents. EMC PARTNER provide telecom test equipment to meet the lightning voltage, lightning current, power contact and power induction requirements.

Test types

- › 10/700µs Voltage Impulses
- › 8/20µs Current Impulses
- › AC Power Contact
- › AC Power Induction
- › Symmetrical Data Lines

Standards

- › ITU-T K44
- › ITU-T K21

IMU-MGE



Compact generator for EFT/Burst, SURGE, 100 kHz Ringwave and 10/700 impulses up to 8KV. Integrated 16 A CDN. Extend with ESD, Dips/Interrupts and Common Mode.

MIG-ITU-K44



The 1,500 V output meets all basic and enhanced test levels required by ITU- T K.20 and ITU-T K.21. Test duration is set manually on the generator front panel.

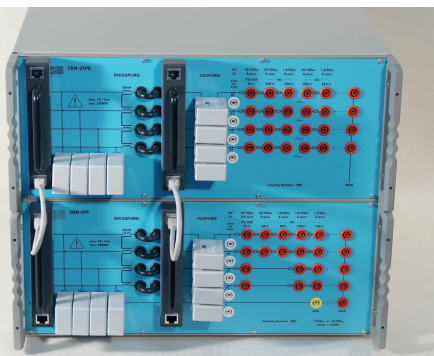
MIG1206-1P-T



Compact impulse generator ideal for telecom applications. The integrated 32 A Coupling Decoupling Network (CDN) applies the 12 kV Combination Wave Generator (CWG) impulse according to IEC 61000-4-5. A 10/700 us impulse to 6 kV extends the test range to include ITU-T K44 basic and enhanced testing.

MORE OPTIONS & COMFORT

Telecom lines at the subscriber premises will mostly be twisted pair coupler cables. To successfully test interfaces connected to those lines, needs a coupling network capable of imposing the test impulses while data is being transmitted. CDN-UTP8 ED3 enables testing up to 1 Gb /s. RJ45 adapters fitted to the CDN-UTP8 ED3 speed up the test process and reduce errors.



APPLICATION
INFORMATION