TBLC08 50µH AC-LISN

The TBLC08 is a Line Impedance Stabilization Network for the measurement of line-conducted interference within the range of 9kHz to 30MHz, according to the CISPR16 standard. The device is designed for testing single phase, AC-powered equipment with supply voltages up to maximum 260V. Conducted noise can be measured on the phase and on the neutral conductor. The TBLC08 is equipped with a switchable limiter/attenuator and an artificial hand connection.
The device is available with country-specific DUT connectors

TBLC08, variant with Schuko (CEE 7/3) socket

Features

- Frequency range: 9 kHz to 30 MHz
- Impedance: 50 Ω ‖ (50 µH + 5 Ω)
- Artificial hand: 220 pF + 511 Ω
- Switchable PE: 50 Ω ‖ 50 µH
- Limiter / attenuator: 150 kHz to 30 MHz; 10 dB
- Line voltage: max. 260V / 50 – 60 Hz, CAT Ⅱ
- Max. current: 8A
- DUT socket: country specific
- Measurement connector: 50 Ω BNC
- Power connector: IEC 60320 C13
- Operating Temperature Range:
  +5°C … + 40°C; 5% to 80% RH
- Safety: Safety Class I, IEC 1010-01

Application

EMC pre-compliance testing of conducted noise

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