



Artificial Network

TAN 400C (150 MHz)

■ CISPR 25

— Features

- > Complies with CISPR 25 requirements
- > The Max. cont. current is 400 A
- > Frequency range 0.1 MHz ~110 MHz
- > Test voltage Max. 500 V DC, 250 V 50 / 60 Hz, 125 V 400 Hz
- > N-type test terminal

— Introduction

The TAN 400C (150 MHz) artificial network is specially designed for CISPR 25 testing. It isolates low-voltage electrical components from the mains supply and performs conducted disturbance voltage measurements on power lines. Its impedance characteristics fully comply with those specified for artificial power networks under the CISPR 25 standard. Connect EUT to panel OUTPUT and power supply to panel INPUT. The EMI measurement port adopts a standard N-type RF interface.

— Application Areas



Technical Parameters

Max. Test Voltage	500 V DC
	250 V 50/60 Hz
	125 V 400 Hz
Max. Text Current	400 A
Max. Transient Current	500 A
Impedance	5 μ H 50 Ω $\pm$ 10%
Impedance Frequency	0.1 MHz ~ 150 MHz
Coupling Capacitance	0.1 μ F
Decoupling Capacitance	1 μ F

General Parameters

Test Terminal	N-type
EUT Power Terminal	400 A coaxial terminal
Dimension	200 (W) *220 (H) *420 (D)mm
Weight	Approx. 11 kg
Ambient Temperature	15°C ~ 35°C
Relative Humidity	45% ~ 75%, RH (no condensation)
Atmospheric Pressure	86 kPa ~ 106 kPa

Standard Accessories

User Manual

Optional Accessories

Calibration Fixture	TAN 400C-ZCF
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