



Coupling Transformer

CN 200

■ FMC 1278 CI250

Features

- > Frequency range 2 kHz ~ 100 kHz;
- > Max. EUT current 50 A;
- > Multiple output turns ratios, easily configurable to 2:1 or 4:1.

Introduction

The CN 200 coupling transformer complies with the FMC 1278-2016 CI250 Immunity to Ground Voltage Offset test requirements. It consists of two 2:1 transformers, with primary windings connected in series and secondary windings connected in parallel. A built-in 0.5 Ω /250 W non-inductive resistor connected in parallel at the output port.

In addition, a 2:1 output terminal without termination load is provided to support testing according to other standards.

Application Areas



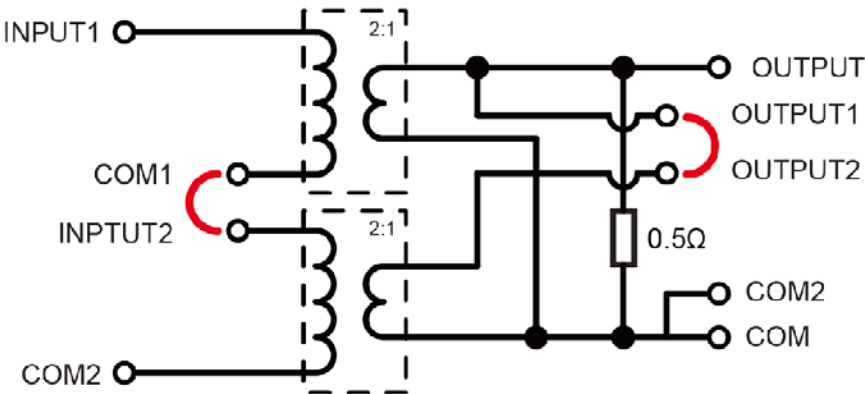
Technical Parameters

Frequency	2 kHz ~ 100 kHz
Max. Input Current	32 A AC/ DC
Max. EUT Current	50 A AC/ DC
Audio Power	200 W
Turns Ratio	4:1/ 2:1
Input Port	4 mm banana terminal
Output Port	75 A coaxial hollow terminal
Dimension	4U, 450 (W)*190 (H)*620 (D) mm
Weight	Approx. 20 kg
Ambient Temperature	15°C ~ 35°C
Relative Humidity	45% ~ 75%, RH (no condensation)
Atmospheric Pressure	86 kPa ~ 106 kPa

Optional Accessories

Test Cable

Standard Schematic



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