

PRODUCT: 50 A Audio Isolation Transformer

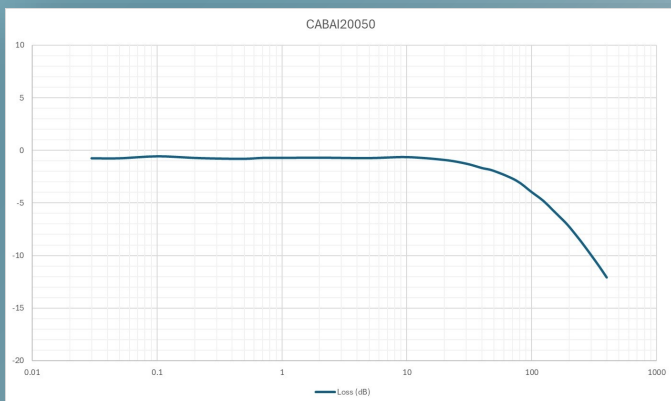
The Conformity Assessment Business CABAI20050 Audio Isolation Transformer has been designed for testing to Automotive, Military and Aerospace EMC standards. It can handle 50 A in its secondary winding without core saturation and deliver up to 200 W of RF Power via the primary winding.

The CABAI20050 has multiple parallel windings in its primary and secondary which helps it cover a bandwidth extending to 400 kHz. The secondary winding has approximately 1/3 of the inductance of other transformers of the same type allowing for a lower voltage drop across its winding at AC voltages which helps avoid issues with voltage sensitive EUT's.

CABAI20050 - Audio Isolation Transformer



CABAI20050 - Typical Insertion Loss



Technical Data:

Overall Dimensions

- Height 160 mm
- Width 155 mm
- Length 200 mm

Earth Bonding

- 2 x M8 Earth Studs
- M8 Flange connections to GP

Connections

- EUT (Secondary Winding) 50A Terminal Post with integral 32 A 4mm Banana plug
- Monitor Winding - Shrouded 4mm Banana
- Audio In - Shrouded 24 A 4 mm Banana

Specifications

- Usable Bandwidth: 30 Hz to 400 kHz
- Turn Ratio: 2:1
- Audio Power:
 - 200 W Maximum 30Hz - 250 kHz
 - 100 W Maximum at 15 Hz - 30 Hz
- Primary inductance: 3.5 mH
- Secondary inductance: 0.4 mH
- Insulation Resistance Test - 2kV Primary to Secondary and Primary/ Secondary to Chassis

Warranty: 1 year

Sales Partner:



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