



Coupling Transformer

TPT-7637-4C300B1/ B2

- ISO/TS 7637-4
- ISO 21498-2
- VW 80300
- GJB 151B

Features

- > High load current;
- > Large power capacity;
- > Wide frequency range;
- > Shielded High Voltage Supply Lines

Introduction

The TPT-7637-4C300B1/B2 is a broadband coupling transformer specifically designed for the Low-Frequency Sinusoidal Disturbance Pulse B transient immunity test defined in ISO 7637-4.

It can transmit time-harmonic (sinusoidal) signals or pulse signals to the EUT via magnetic coupling. Featuring undistorted waveform output and physical isolation from the EUT, it is also applicable to conducted susceptibility immunity tests complying with standards such as GJB 151B.

Application Areas



Technical Parameters

Frequency Range	10 Hz ~ 300 kHz
Max. Input/ Output AC Voltage	140 V _{PP}
Max. Input/ Output AC Current	100 A _{pp}
Max. EUT Current	DC 300 A
Max. EUT Voltage	DC 1,000 V
Input Terminal	75 A hollow coaxial terminal
Output Terminal	300A high voltage shielded terminal
Dimension	4U, 440 mm (W)*190 mm (H)*585 mm (D)
Turns Ratio	1:1
Weight	Approx. 65 kg

Standard Accessories

Power Cord, Test Cable, Grounding Wire

Optional Accessories

1	Ripple Signal Generator	Model: RSG 80C50 Max. open-circuit voltage (V _{pp}): 160 V _{pp} Max. output current (A _{pp}): 100 A _{pp} Frequency range: 10 Hz ~ 300 kHz	
2	Ripple Signal Generator	Model: RSG 80C100 Max. open-circuit voltage (V _{pp}): 160 V _{pp} Max. output current (A _{pp}): 200 A _{pp} Frequency range: 10 Hz ~ 300 kHz	

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