



Balanced-Unbalanced Transformer

TBT-800

ISO 7637-4

— Features

- > Excellent amplitude balance;
- > High power handling capability with low power loss;
- > Stable frequency response

— Introduction

The TBT-800 is designed in accordance with ISO 7637-4 for balanced-unbalanced signal conversion. Featuring high power handling capability, low insertion loss, and stable frequency response, it is widely used in EMC testing and communication applications.

— Application Areas



**Technical
Parameters**

Frequency	100 kHz ~ 80 MHz
Characteristic Impedance	50 Ω
Insertion Loss	≤ 1.5 dB * According to the law of conservation of energy, there is -3 dB background at single output terminal.
Amplitude Balance	≤ 1 dB
Standing-wave Ratio (SWR)	≤ 3
Power	100 VA
Turns Ratio	1:1

**General
Parameters**

Interface	Type N
Dimension (L x W x H)	140 mm (L)* 100 mm (W)* 48 mm (H)
Weight	1.5 kg
Ambient Temperature	15°C ~ 35°C
Relative Humidity	45% ~ 75%
Atmospheric Pressure	86 kPa ~ 106 kPa

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