



# Balanced-Unbalanced Transformer

## TBT-800

■ ISO 7637-4-2020

### Features

- > Optimal amplitude balance;
- > Large power capacity and low power loss;
- > Stable frequency response.

### Introduction

TBT-800 balanced unbalanced transformer, used for the mutual conversion of balanced and unbalanced signals, widely used in the field of communication. This product is mainly designed according to the standard ISO 7637-4-2020 "Road Vehicles - Electrical disturbances by conduction and coupling - Part 4: Electrical transient conduction alone shielded high voltage supply lines only". It has the characteristics of large power capacity, low power loss, excellent amplitude balance, and stable frequency response.

### Application Areas



### Technical Parameters

Frequency Range	100 kHz-80 MHz
Characteristic Impedance	50 ohm
Insertion Loss	$\leq 1.5$ dB* *According to the law of conservation of energy, Balun's single ended output has a background of -3 dB
Amplitude Balance	$\leq 1$ dB
Standing Poppy	$\leq 3$
Power	100 W
Turn Ratio	1:1

### General Parameters

Interface form	Type N
Appearance size	140 * 100 * 48 mm (length x width x height)
Instrument weight	1.5 kg
temperature range	15-35°C
Humidity range	45% - 75%
Pressure range	86 kPa – 106 kPa

## SUZHOU3CTEST ELECTRONIC CO., LTD

Address: No. 99 E'meishan Road, SND, Suzhou, Jiangsu Province, China  
 Sales Email: [globalsales@3ctest.cn](mailto:globalsales@3ctest.cn) Service Email: [service@3ctest.cn](mailto:service@3ctest.cn)  
 Tel: + 86 - 512 - 68077192 Web: [www.3c-test.com](http://www.3c-test.com)

