

Balanced-Unbalanced Transformer TBT-500

Datasheet



In Compliance with

>ISO 7637-4:2020

Introduction

TBT-500 is designed according to ISO 7637-4:2020 for the transformation of balanced and unbalanced signals. The product boasts large capacity, low power loss and stable frequency response, and is widely used in the communication area.

Technical Parameters

Frequency Range	100kHz – 50 MHz
Characteristic Impedance	50 Ω
Insert Loss	≤1 dB Note: 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 Consumption	100 W
Turn Ratio	1:1

GeneralParameters

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



SUZHOU 3CTEST ELECTRONIC CO., LTD.

Add.: No. 99 E'meishan Road, SND, Suzhou, Jiangsu Province, China

Tel: +86 (0)512 6807 7192 Fax: +86-512-68079795

Sales Email: globalsales@3ctest.cn Service Email: service@3ctest.cn

www.3c-test.com

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