



Etude series type ETU - 2

single ended output transformer

1650 Ω to 4 and 8 Ω

optimized for // 300B power triodes in 20 Watt mode
(400V 160mA condition)

- Hi-grade SiFe grain oriented dual C-core
- Mylar interlayer dielectric
- Dual 4 / 8 secondary
- 6 - 122,000 Hz bandwidth
- 0,30 dB insertion loss

The Etude series " type ETU-02 " is a cost effective high quality single ended output transformer designed around a pair of 300B triodes in its 400 Volts plate voltage operating conditions offering :

" 20 Watts rms in Class A1 mode "

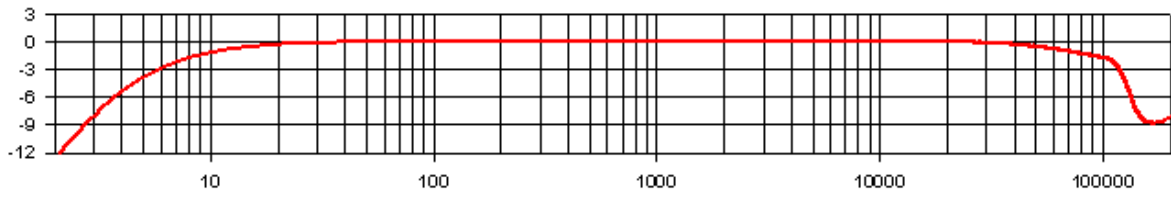
The 300B is a vacuum triode with a long history of high performance and great sound. This tube is receiving praise from a wide range of listeners and amplifier producers.

This tube features midrange harmonic textures that are lusciously sweet sounding.

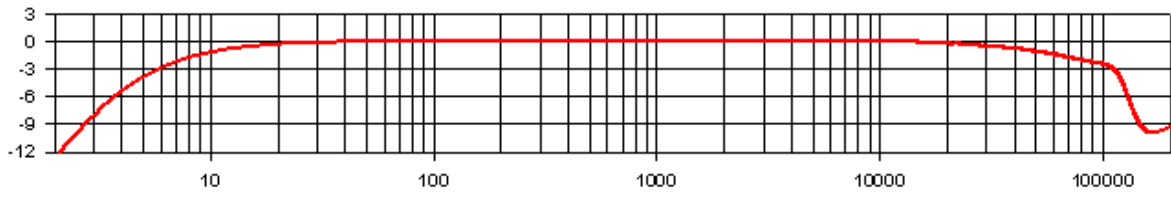
E L E C T R I C A L D A T A

Primary impedance	1650 Ω
Secondary load impedance	4 an 8 Ω
Winding ratio (4/8 Ω)	20.27 / 14.29
Bandwidth (-3 dB @ 1W, sec. grounded)	6 - 122,000 Hz
Core saturation	21 Hz @ 10W rms
Primary inductance	13 Hy
Leakage inductance	11.9 mH
Shunt capacitance sec. grounded	842 pF
Shunt capacitance sec. floating	489 pF
Primary DC resistance	44 Ω
Sec. DC resistance 4/8 Ohm	0.180 / 0.347 Ω
Insertion loss 4/8 Ohm	0.30 / 0.30 dB

level (dB) vs. frequency (Hz) 4 ohm - grounded secondary



level (dB) vs. frequency (Hz) 8 ohm - grounded secondary



Mechanical data & electrical connections

CASE-2

[preliminary new case layout datasheet](#)