

Summit series type B - 8 / 6 K 6

Push Pull output transformer

6600 Ω to 4 and 8 Ω

30 Watts output power

- Hi-Grade FeSi grain oriented dual C-core
- virginal PTFE interlayer dielectric
- ultralinear tap on request
- < 2 - 128,000 Hz bandwidth
- 0,16 dB insertion loss

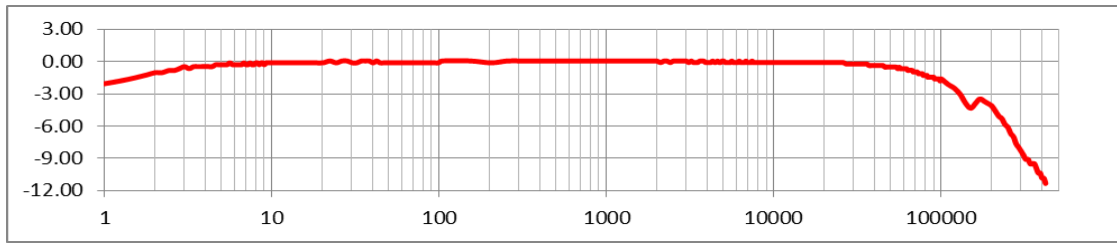
The Summit series " type B-8/6K6 " is a push pull output transformer that can be used for many medium power push pull applications.

Tubes such as 300B, 300BXLs KT-66, KT-88, KT-90, KT120, EL-34, 6L6, 5881 are all suitable candidates for this output transformer. The transformer can be equipped with ultralinear taps for higher power output when using beam tetrodes or pentodes. Due to the use of a large magnetic core, an inductance value of over 600H can be achieved at high excitation levels. Even at 50 Watts output power, core saturation is only visible below 20 Hz.

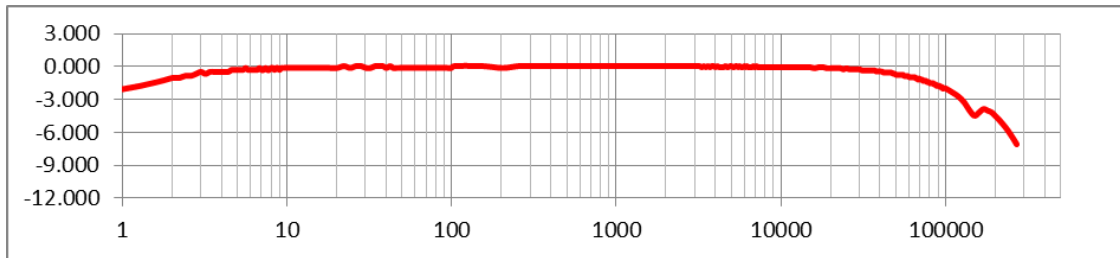
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Primary impedance	6600 Ω
Secondary load impedance	4 an 8 Ω
Winding ratio (4/8 Ω)	40.62 / 28.72
Bandwidth (-3 dB @ 1W, sec. grounded)	<2 - 128,000 Hz
Core saturation	16 Hz @ 30W rms
Primary inductance (@ 10 Vrms)	328 H μ
Leakage inductance	10.2 mH
Shunt capacitance sec. grounded	630 pF
Shunt capacitance sec. floating	260 pF
Primary DC resistance	141 Ω
Sec. DC resistance 4/8 Ohm	0.096 / 0.164 Ω
Insertion loss 4/8 Ohm	0.19 / 0.18 dB

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



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



Rgen (ohm)	f-3dB (Hz) LF	f-3dB (kHz) HF
2X820R	< 1	130
2X2K2	2.2	131

Mechanical data & electrical connections

CASE-2

[preliminary new case layout datasheet](#)