



ES 1500 A

SHORT WAVE OSCILLIATOR

RATING

Filament Voltage	...	...	...	...	...	15.5
Filament Current (Amps)	...	...	...	...	...	24
Maximum Anode Voltage	...	...	...	...	...	7,500
Maximum Anode Dissipation (Watts)	...	...	...	...	...	1,500
Amplification Factor	...	...	...	...	...	45
Mutual Conductance (mA/V)	...	...	...	...	...	2.25
Impedance (ohms)	...	...	...	...	...	20,000

DIMENSIONS.

Maximum Overall Length	...	...	...	...	...	528 mm.
Maximum Diameter	...	...	...	...	...	186 mm.

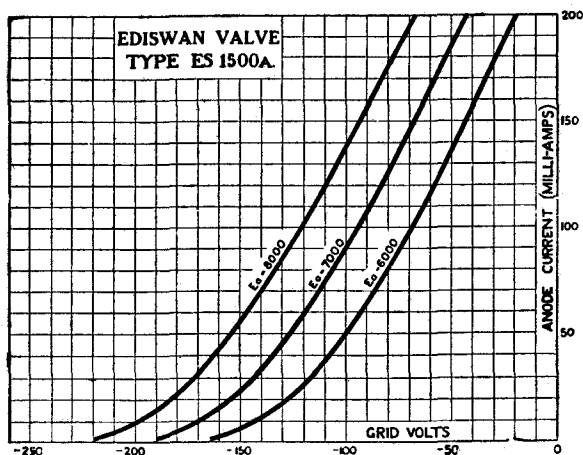
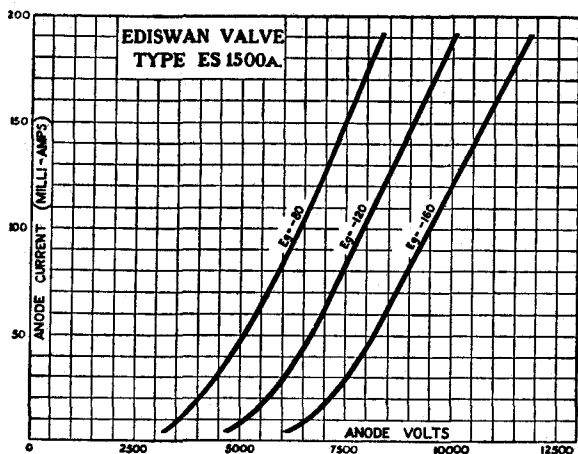
BASING.

Top Connexion	...	...	...	...	Anode
Bottom Connexion	...	...	...	...	Filament and Grid

GENERAL.

The ES 1500 A is a high power short-wave oscillator or amplifier designed for short-wave working at frequencies up to 20 megacycles. The valve is constructed in hard glass, which eliminates envelope puncture and permits a very high degree of vacuum to be obtained, ensuring absolute stability in working. Single valves of this type are capable of supplying 2.5 kilowatts of energy at wave lengths down to 15 metres working at anode voltages up to 7,500. At reduced anode wattage the valves can be operated down to 10 metres.

The maximum grid and anode seal capacity



THE EDISON SWAN
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EDISWAN RADIO