

# Transmitting Valve

## TYPE A.C.T.6

(Air-Cooled-Anode Oxide Coated Filament Type).



<sup>3902</sup>  
(Approximate overall dimensions : 212 × 52 m/ms.)

An air-cooled-anode transmitting valve. In operation free air circulation is essential.

Normal input 120 milliamperes mean anode current at 1,500 anode volts D.C. when used in a suitable circuit as an unmodulated Class C amplifying valve, on wavelengths not less than 20 metres. At lower wavelengths the anode voltage must be reduced.

At wavelengths not less than 10 metres, anode volts max. D.C. = 1,000.

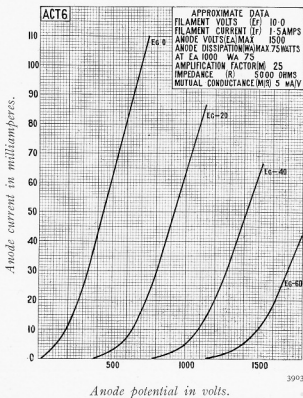
At wavelengths not less than 4 metres, anode volts max. D.C. = 800.

Maximum continuous anode dissipation under oscillatory conditions 75 watts.

### Approximate Data :

Filament volts .. ..	10	Anode dissipation max.	
Filament amperes .. ..	1.5	(watts) .. ..	75
Anode volts max. (D.C.) ..	1,500	*Amplification factor .. ..	25
		*Impedance (ohms) .. ..	5,000

\* Taken about anode volts 1,000 and anode current 75 milliamperes.



Characteristic Curves of Average Valve.

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