

COSSOR 210 H.L.

2-VOLT TRIODE

This valve is probably the most popular Cossor valve in the battery series for use in the detector stage. Its characteristics are such as to suit it for use as a leaky grid detector in combination with small L.F. transformers. Under these conditions sufficient output is obtained to load a small output pentode or triode before overload occurs. In addition, the anode consumption is small, a consideration in receivers using H.T. batteries.

The valve, in common with most other Cossor battery valves for use as H.F. or I.F. amplifiers, or as detectors, is fitted with seven point filament suspension. No microphony need therefore be feared as filament vibration is completely damped.

TECHNICAL DATA

Filament Voltage	2
Filament Current (Amps.)	.1
Impedance (ohms)	22,000
Amplification Factor	24
Mutual Conductance	1.1 m.a./v.
Maximum Anode Voltage	150
Grid Bias for 150 Anode Volts	-3 v.
Anode Current for 150 Anode Volts with -3 volts Grid Bias (Average)	1.6 m.a.
Normal Working Anode Voltage (approx)	50-120

