

# COSSOR D.P.

## 16-VOLT ·25 AMP. INDIRECTLY HEATED MAINS POWER OUTPUT

The Cossor D.P. is characterised by an exceptionally high value of mutual conductance, which reaches the high figure of 6·0 ; consequently the valve possesses a degree of sensitivity that is very high for a triode valve.

The D.P. is very suitable as a power grid or anode bend detector when the amplification of the preceding stages is such that the voltage developed across the grid-cathode circuit of the detector valve has too high an amplitude to allow a valve of higher impedance to be used and thus avoiding distortion resulting from overload.

### TECHNICAL DATA

For Normal Power Use.

Heater Voltage .. .. .	16
Heater Current (Amps.) .. .	0·25
Impedance (ohms) .. .	2,800
Amplification Factor .. .	17
Mutual Conductance 6·0 m.a./v.	
	} at $V_a$ . 100
	} $V_g$ . 0
Maximum Anode Voltage .. .	200
Grid Bias for 200 Anode Volts ..	-7·5
Anode Current for 200 Anode Volts	
with $-7\frac{1}{2}$ volts Grid Bias ..	25·0 m.a.
Optimum Load .. .	3,500 ohms
Bias Resistance .. .	300 ohms

