

COSSOR 41 M.H.

4-VOLT 1 AMP. INDIRECTLY HEATED TRIODE

The 41 M.H. possesses a relatively high impedance, and a very high value of mutual conductance. Its principle use is as a detector valve, the high value of mutual conductance giving great sensitivity.

Anode bend rectification employing the 41 M.H. is very satisfactory, as the sharp cut-off gives sensitivity well above the average. A coupling resistance of 100,000 ohms is recommended, a condenser of '0002 mfd.' being suitable as an anode bypass.

The 41 M.H. is also exceptionally suitable as a power grid detector, when a high value of stage gain is required in this stage.

TECHNICAL DATA

For Detector.

Heater Voltage	..	..	..	..	4
Heater Current (Amps.)	..	..	..	..	1
Impedance	..	..	..	18,000	} at $V_a. 100$ $V_g. 0$
Amplification Factor	..	..	72		
Mutual Conductance	..	..	4 m.a./v.		
Maximum Anode Voltage	..	..	..	200	
*Grid Bias for 200 Anode Volts	..	..	..	-1.5	
Anode Current for 200 Anode Volts with -1.5 volts Grid Bias (Average)	..	..	..	3.2 m.a.	
Normal Working Anode Voltage	..	..	..	150	

* Grid Bias when used as L.F. amplifier.

