

COSSOR 42 M.P./PEN.

4-VOLT 2 AMP. INDIRECTLY HEATED HIGH SLOPE PENTODE

This valve is an indirectly heated pentode output valve capable of giving very large undistorted volume. It is characterised by an exceptionally high slope, which enables it to deliver full output for a very small input. For this reason it may be fed directly from a double diode detector such as the Cossor D.D.4, when the latter is preceded by adequate H.F. amplification as in a Superheterodyne Receiver.

TECHNICAL DATA

Heater Voltage	4
Heater Current (Amps.) .. .	2
Mutual Conductance .. .	7.0 m.a./v.
Maximum Anode Voltage .. .	250
Maximum Screen Voltage .. .	250
Grid Bias for 250 volts on Anode and Screen ..	-5.5 v.
Grid Bias for 200 volts on Anode and Screen ..	-4 v.
Anode Current for 250 volts on Anode and Screen	32 m.a.
Anode Current for 200 volts on Anode and Screen	28 m.a.
Bias Resistance for 250 volts on Screen and Anode	140 ohms
Bias Resistance for 200 volts on Screen and Anode	120 ohms
Optimum Load	8,000 ohms

