

COSSOR 13 S.P.A.

13-VOLT ·2 AMP. INDIRECTLY HEATED H.F. PENTODE

The Cossor 13 S.P.A. has a ·2 amp. heater and is designed for use with others of the series for series running, such as in A.C./D.C. or D.C. receivers. It is a high frequency pentode having general application in two directions: (a) as a high frequency amplifier, (b) as a detector of relatively high sensitivity.

The stage gain under normal conditions for the 13 S.P.A. is rather less than that given by a corresponding A.C. valve. This lower gain is deliberately introduced so that adequate stability can be attained in A.C./D.C. and certain other receivers, where perfect screening is rarely possible. Care should be taken, however, to ensure as good screening as possible, and for the same reason an anode decoupling resistance is usually desirable.

TECHNICAL DATA

Heater Voltage (approx.)	13
Heater Current (Amps.)	·2
Maximum Anode Voltage	200
Maximum Auxiliary Grid Voltage	100
Mutual Conductance at V_a 200, V_{g_1} 100, $V_{g_2} = 0$	2·5 m.a./v.

