

# COSSOR D.S./PEN.

## 16 VOLT ·25 AMP. INDIRECTLY HEATED MAINS H.F. SCREENED PENTODE

This valve is similar to the D.V.S./Pen., but has no variable- $\mu$  characteristics. It may be used in place of an ordinary screen grid valve, or may be used for any of the functions suggested for the D.V.S./Pen. where bias volume control is not required. Another use for this valve is in the detector stage, where it offers possibilities of very high gain combined with very low damping on the preceding tuned circuit. The suppressor grid of this valve is brought out to a separate pin in the case of the seven-pin base type; in the case of the five-pin base type the suppressor grid is connected to cathode. The metallised coating is also brought out to a separate pin, which is often very convenient.

### TECHNICAL DATA

|                                                        |    |    |    |    |    |             |
|--------------------------------------------------------|----|----|----|----|----|-------------|
| Heater Voltage                                         | .. | .. | .. | .. | .. | 16          |
| Heater Current (Amps.)                                 | .. | .. | .. | .. | .. | ·25         |
| Maximum Anode Voltage                                  | .. | .. | .. | .. | .. | 200         |
| Maximum Auxiliary Grid Voltage                         | .. | .. | .. | .. | .. | 100         |
| Mutual Conductance at $V_a$ 200, $V_{ag}$ 100, $V_g$ 0 | .. | .. | .. | .. | .. | 3·0 m.a./v. |
| At $V_a$ 200, $V_{ag}$ 100, $V_g$ — 1·5                | .. | .. | .. | .. | .. | 2·3 m.a./v. |

