

# COSSOR M.V.S./PEN.

## 4-VOLT 1 AMP. INDIRECTLY HEATED VARIABLE MU. H.F. PENTODE.

The Cossor M.V.S./PEN. is a variable-mu high frequency screened pentode. It is particularly useful as a high frequency or intermediate frequency amplifier. Its variable-mu characteristic permits of manual volume control by means of variation of grid bias, or of the application of automatic volume control. The suppressor grid is brought out to a separate pin in the seven-pin base type, which makes possible the use of the valve in various special ways, such as for frequency changing. In addition, negative potential applied to this grid will greatly decrease the impedance—a function that may be used in special sets for simultaneously decreasing the gain and flattening the tuning, permitting the most perfect quality from the local station. The valve is also available with five-pin base where the suppressor grid is connected to cathode.

### TECHNICAL DATA

Heater Voltage .. .. .	4
Heater Current (Amps.) .. .. .	1
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 .. .. .	2.2 m.a./v.
Grid Voltage (Variable) .. .. .	0 to -20

