COSSOR 215 S.G.

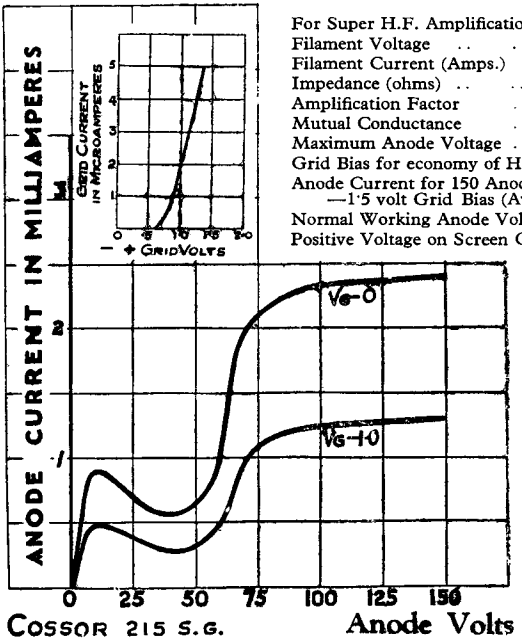
2-VOLT SCREENED GRID

This valve is a screened grid tetrode valve and was manufactured before the introduction of variable-mu valves. It has been used in enormous numbers of portable and other battery receivers with conspicuous success. It develops its maximum efficiency when followed by a coupling of high dynamic resistance which possesses no step up.

Special attention is drawn to the unique grid current characteristic. No current flows in the grid circuit with zero applied voltage. This valve may therefore be used without grid bias and the full rated mutual conductance is realised in practice. In spite of the exceptional stage gain thus developed, the valve is inherently stable owing to the very low inter-electrode capacity of the order of ·001 micro-microfarads.

TECHNICAL DATA

For Super H.F. Amplification.	
Filament Voltage	2
Filament Current (Amps.)	·15
Impedance (ohms)	300,000
Amplification Factor	330
Mutual Conductance	1·1 m.a./v.
Maximum Anode Voltage	150
Grid Bias for economy of H.T. current	—1·5 v.
Anode Current for 150 Anode Volts with —1·5 volt Grid Bias (Average)	·7 m.a.
Normal Working Anode Voltage	120
Positive Voltage on Screen Grid	60-80 v.



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