

RADIO MANUFACTURERS ASSOCIATION

SUITE 701-4 AMERICAN BUILDING
1317 F STREET, N.W.
WASHINGTON, D. C.



R.M.A. DATA BUREAU
90 West Street
New York, N. Y.

RMA Release # 147

November 10, 1938

On application of the

Standard Telephone and Cables Co.
London, England

the type of vacuum tube defined by the ratings and characteristics given below has been registered under the tube type designation,

6AG6G
Power Amplifier Pentode
(For A.C. Receivers)

Heater Voltage (AC) 6.3 volts.
" Current 1.25 amperes.

Direct Interelectrode Capacitances (Approx.)

Grid - Anode Capacity - 1.6 mmfd.
Input Capacity - 17.5 "
Output Capacity - 10.3 "

Bulb - S.T.16
Base - Medium Shell Octal 7-pin.

OPERATING CONDITIONS AND CHARACTERISTICS

(SINGLE VALVE AMPLIFIER)

Heater	6.3 volts.
Plate	250 " (max.)
Screen	250 "
Grid	-6.0 "
Cathode Resistor	150 ohms.
Amplification Factor	600 (approx.)
Plate Resistance	60,000 ohms (approx.)
Transconductance	10,000 micromhos.
Plate Current	32 milliamps.
Screen Current	6.0 "
Load Resistance	8,500 ohms.
Power Output	3.75 watts.
Total Harmonic Distortion	7%

Base Connections

Basing Designation 7-S

Pin 1	N.C.	Pin 5	Grid
Pin 2	Heater	Pin 7	Heater
Pin 3	Plate	Pin 8	Cathode
Pin 4	Screen		