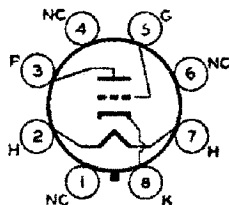


RCA Transmitting Tubes

POWER TRIODE



1626

Glass-octal heater-cathode type used as rf power amplifier and oscillator. May be used with full input up to 30 Mc. For operation at 60 Mc, plate voltage and plate input should be reduced to 96 per cent of maximum ratings; at 90 Mc, to 93 per cent. Requires Octal socket and may be mounted in any position. **OUTLINE 19, Outlines Section.** Plate shows no color when tube is operated at maximum CCS ratings. The 1626 is used principally for renewal purposes.

HEATER VOLTAGE (AC/DC)	12.6	volts
HEATER CURRENT	0.25	ampere
AMPLIFICATION FACTOR	5	
DIRECT INTERELECTRODE CAPACITANCES:		
Grid to plate	4.4	μf
Grid to cathode and heater	3.2	μf
Plate to cathode and heater	3.0	μf

RF POWER AMPLIFIER AND OSCILLATOR—Class C Telegraphy# and RF POWER AMPLIFIER—Class C FM Telephony

Maximum CCS Ratings:

DC PLATE VOLTAGE	250 <i>max</i>	volts
DC GRID VOLTAGE	-150 <i>max</i>	volts
DC PLATE CURRENT	25 <i>max</i>	ma
DC GRID CURRENT	8 <i>max</i>	ma
PLATE INPUT	6.25 <i>max</i>	watts
PLATE DISSIPATION	5 <i>max</i>	watts
PEAK HEATER-CATHODE VOLTAGE:		
Heater negative with respect to cathode	100 <i>max</i>	volts
Heater positive with respect to cathode	100 <i>max</i>	volts

Key-down conditions per tube without amplitude modulation. Amplitude modulation essentially negative may be used if the positive peak of the audio-frequency envelope does not exceed 115 per cent of the carrier conditions.