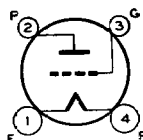


# RCA-26

## AMPLIFIER



The 26 is an amplifier tube containing a filament designed for operation on alternating current. This tube is for use as an r-f or a-f amplifier in equipment designed for

its characteristics. The 26 is not ordinarily suitable for use as a detector or power output tube.

### CHARACTERISTICS

FILAMENT VOLTAGE (A. C. or D. C.)	1.5	Volts
FILAMENT CURRENT	1.05	Amperes
PLATE VOLTAGE	180 <i>max.</i>	Volts
GRID VOLTAGE*	-7 -10 -14.5	Volts
PLATE CURRENT	2.9 5.5 6.2	Milliamperes
PLATE RESISTANCE	8900 7600 7300	Ohms
AMPLIFICATION FACTOR	8.3 8.3 8.3	
TRANSCONDUCTANCE	935 1100 1150	Micromhos
GRID-PLATE CAPACITANCE	8.1	$\mu\mu\text{f}$
GRID-FILAMENT CAPACITANCE	2.8	$\mu\mu\text{f}$
PLATE-FILAMENT CAPACITANCE	2.5	$\mu\mu\text{f}$
BULB		ST-14
BASE		Medium 4-Pin

\* Grid voltage measured from mid-point of a-c operated filament.

### INSTALLATION AND APPLICATION

The base pins of the 26 fit the standard four-contact socket, which should be installed to hold the tube in a vertical position.

The coated filament of the 26 should be operated at the rated voltage of 1.5 volts from the a-c line through a step-down transformer.

As an amplifier, the 26 should be operated as shown under CHARACTERISTICS.

