



ELECTRONIC TUBE REFERENCE

350A

Power - Tetrode (NOT beam) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
TETRODE

Western Electric air-cooled heater-cathode transmitting tetrode designed for RF power service. Its construction supports professional radio-frequency amplifier operation.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	5
NOMINAL HEATER	6.3 V / 1.6 A	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Tetrode	
TRANSCONDUCTANCE	0.0064 S
MAXIMUM PLATE VOLTAGE	600 V
MAXIMUM PLATE DISSIPATION	30 W
<i>Air-cooled transmitting tetrode.</i>	

The Western Electric 350A is an air-cooled heater-cathode transmitting tetrode intended for RF power service.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1956 Western Electric Tubes

Published test conditions and operating points. Values on this page are preserved as reported by this source.

1956 WESTERN ELECTRIC TUBES

Section 1 · Tetrode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum Plate Current	125 mA	—
Maximum Frequency	30 MHz	—
Typical Maximum Power Output	24 W	ClassB; RF

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Typical Plate Voltage	500 V	—
Typical Plate Current	55 mA	—