



ELECTRONIC TUBE REFERENCE

7328

Power - Triode (over 1000V 100W) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TRIODE

Forced-air-cooled directly heated power triode for Class-AB1 audio-frequency power-amplifier and modulator service.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	7 V / 26 A	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Triode	
AMPLIFICATION FACTOR	5.5
MAXIMUM PLATE VOLTAGE	8000 V
MAXIMUM PLATE DISSIPATION	20000 W
<i>Audio-frequency maximum ratings promoted; pulse ratings retained as parameters.</i>	

The ITT F-7328 is a forced-air-cooled directly heated power triode for class-ab1 audio-frequency power-amplifier and modulator service.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1962 ITT

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

1962 ITT

Section 1 · Triode

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Amplification factor	5.5	—

CAPACITANCE		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Grid-plate capacitance	88 pF	—
Grid-filament capacitance	10 pF	—
Plate-filament capacitance	12 pF	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum plate dissipation	20000 W	—
Maximum audio-frequency DC plate voltage	8000 V	—
Filament starting current	1000 A	—
Required airflow at 20 kW plate dissipation	1700 cfm	—
Pulse cathode current maximum	100 A	—
Pulse DC plate voltage maximum	20000 V	—