

ELECTRONIC TUBE REFERENCE

N329

Power - TV Vertical Output electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
PENTODE

High-slope Marconi power pentode for both audio output and television frame time-base service.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	9
NOMINAL HEATER	16.5 V / 300 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Pentode	
PLATE RESISTANCE	20000 Ω
TRANSCONDUCTANCE	0.009 S
MAXIMUM PLATE VOLTAGE	250 V
MAXIMUM SCREEN VOLTAGE	250 V
MAXIMUM PLATE DISSIPATION	9 W
MAXIMUM SCREEN DISSIPATION	2.5 W

The Marconi N329 is a high-slope pentode for audio and frame time-base output service.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1955 Marconi

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

1955 MARCONI

Section 1 · Pentode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater voltage	16.5 V	—
Heater current	300 mA	—
Maximum plate voltage	250 V	—
Maximum screen voltage	250 V	—
Maximum plate dissipation	9 W	—
Maximum screen dissipation	2.5 W	—
Peak pulse plate voltage	2500 V	Pulse
CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Transconductance	9000 uS	—
Plate resistance	20000 ohm	—
APPLICATION		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Primary application	High-slope pentode for audio and frame time-base output service.	—