

ELECTRONIC TUBE REFERENCE

YL1260

Power - Pentode (NOT beam) (over 1000V 100W) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
PENTODE

High-slope shadow-grid power pentode for transmitter finals, broadband/video amplifiers, audio power stages, and regulated supplies.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	12.6 V / 2.5 A	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Pentode	
PLATE RESISTANCE	5500 Ω
TRANSCONDUCTANCE	0.045 S
MAXIMUM PLATE VOLTAGE	1500 V
MAXIMUM SCREEN VOLTAGE	400 V
MAXIMUM PLATE DISSIPATION	250 W
MAXIMUM SCREEN DISSIPATION	15 W
MAXIMUM GRID DISSIPATION	0.2 W
MAXIMUM CATHODE CURRENT	800 mA
High-power shadow-grid pentode.	

The Telefunken YL1260 is a high-slope shadow-grid power pentode for transmitter finals, broadband and video amplifiers, AF power amplifiers, and regulated supplies.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1959 Telefunken

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

1959 TELEFUNKEN

Section 1 · Pentode

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate Voltage	600 V	—
Screen Voltage	225 V	—
Plate Current	400 mA	—
Transconductance	45000 μ S	—
Plate Resistance	5500 ohm	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Power Output	220 W	ClassAB; SSB; 20MHz
Peak Plate Voltage	3500 V	—
Maximum Cathode Peak Current	2.5 A	—