



ELECTRONIC TUBE REFERENCE

RES664D

Power - Pentode (NOT beam) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
PENTODE

Telefunken high-power screen-grid output pentode designed for audio-frequency amplification. Its power construction supports substantial low-frequency loudspeaker drive in receiver and amplifier output stages.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	4 V / 600 mA	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Pentode	
TRANSCONDUCTANCE	0.0035 S
MAXIMUM PLATE VOLTAGE	400 V
MAXIMUM PLATE DISSIPATION	12 W
<i>Published historical Telefunken data promoted where legible; filename-designated tube kept distinct from surrounding handbook entries.</i>	

High-power screen-grid output pentode for audio-frequency amplification.



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

APPLICATION		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Application	High-power AF output	—