



ELECTRONIC TUBE REFERENCE

WE18

Tuning Indicator electronic tube

CONSOLIDATED TECHNICAL DATA

2 SECTIONS

CONSTRUCTION

PENTODE-TUNING INDICATOR

Combination variable-mu amplifier pentode and cathode-ray tuning indicator for receiver control and visual tuning or signal-strength indication.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	6.3 V / 200 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Dissimilar

SECTION RATINGS

SECTION 1 Pentode	
PLATE RESISTANCE	800000 Ω
MAXIMUM PLATE VOLTAGE	300 V
MAXIMUM SCREEN VOLTAGE	300 V
MAXIMUM PLATE DISSIPATION	0.3 W
MAXIMUM SCREEN DISSIPATION	0.1 W
<i>Variable-mu AF pentode section.</i>	

SECTION 2 Tuning Indicator	
<i>No fixed ratings recorded.</i>	
<i>Cathode-ray tuning-indicator section.</i>	

The WE18 combines a variable-mu AF pentode with a cathode-ray tuning indicator, allowing gain control together with visual tuning indication.



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	250 V	—
Plate Current	1 mA	—
Screen Current	0.65 mA	—
Voltage Gain	70 ratio	—
AGC Control Range	7 ratio	At 20V AVC

TUBE TINKER

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