



ELECTRONIC TUBE REFERENCE

UFM11

Tuning Indicator electronic tube

CONSOLIDATED TECHNICAL DATA

2 SECTIONS

CONSTRUCTION

PENTODE-TUNING INDICATOR

Series-heater luminous-screen indicator combining variable-pentode action with a fluorescent shadow display whose angle changes with control voltage.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	15 V / 100 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Dissimilar

SECTION RATINGS

SECTION 1 Pentode	
PLATE RESISTANCE	600000 Ω
MAXIMUM PLATE VOLTAGE	300 V
MAXIMUM SCREEN VOLTAGE	300 V
MAXIMUM PLATE DISSIPATION	0.4 W
MAXIMUM SCREEN DISSIPATION	0.2 W
MAXIMUM CATHODE CURRENT	4 A
<i>Indicator/pentode section with luminous screen; source gives shadow angle versus control voltage.</i>	

SECTION 2 Tuning Indicator	
<i>No fixed ratings recorded.</i>	

The UFM11 combines a variable pentode action with a luminous screen whose shadow angle changes with control voltage. The datasheet supplies operating points for 100 V and 200 V systems and limits for

the luminous screen.

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

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Supply and luminous-screen voltage	200 V	—
Plate voltage	69 V	—
Screen voltage	14 V	—
Luminous-screen current	1.05 mA	—
Maximum luminous-screen voltage	275 V	—
Minimum luminous-screen voltage	90 V	—

CAPACITANCE		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater-to-grid capacitance	0.05 pF	—

TUBE TINKER

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and their source documents.

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