

ELECTRONIC TUBE REFERENCE

EM800

Tuning Indicator electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
TUNINGINDICATOR

Fluorescent tuning and modulation indicator for visual receiver tuning and modulation-level monitoring in radio and signal-monitoring equipment.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	6.3 V / 300 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Tuning Indicator	
MAXIMUM PLATE VOLTAGE	250 V
MAXIMUM CATHODE CURRENT	5 mA
Promoted values come from the supplied datasheet; additional ratings, characteristics, and operating points are retained in TUBE_SECTION_PARAMETER.	

Tuning and modulation indicator tube for visual receiver tuning and modulation-level display.

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 · Tuning Indicator

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Supply voltage	200 V	—
Target series resistance	200 kOhm	—
Indicator current	0.8 mA	LowDeflection
Indicator current	1.4 mA	MediumDeflection
Supply voltage	240 V	—
Indicator current	1.8 mA	HighDeflection
Target cold voltage	550 V	—
Target voltage minimum	170 V	—
Target voltage maximum	250 V	—
Target dissipation maximum	0.6 W	—

TUBE TINKER

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and their source documents.

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