



ELECTRONIC TUBE REFERENCE

EM83

Tuning Indicator electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TUNING INDICATOR

Dual-bar electronic tuning and level indicator with two fluorescent display bars for comparative or simultaneous visual monitoring.

GENERAL CHARACTERISTICS

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

SECTION RATINGS

SECTION 1 Tuning Indicator	
MAXIMUM PLATE VOLTAGE	300 V
MAXIMUM PLATE DISSIPATION	0.5 W
MAXIMUM CATHODE CURRENT	8 mA
<i>Published ratings and characteristics promoted from the approved source.</i>	

Dual-bar electronic tuning and level indicator.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1953 RFT Rundfunk Technik

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

1953 RFT RUNDFUNK TECHNIK

Section 1 · Tuning Indicator

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Indicator screen voltage	250 V	—
Indicator screen voltage maximum	300 V	—

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Grid-control range	0 to -8 V	Section1
Grid-control range	0 to -16 V	Section2
Indicator bar heights	4 to 23 / 3 to 18 mm	—