



ELECTRONIC TUBE REFERENCE

DM21

Tuning Indicator electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TUNING INDICATOR

Low-filament-power electronic tuning indicator developed for battery-operated receivers, providing fluorescent visual tuning indication with minimal heater consumption.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	1.4 V / 25 mA	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Tuning Indicator	
MAXIMUM PLATE VOLTAGE	135 V
MAXIMUM SCREEN VOLTAGE	135 V
<i>Published electrical data extracted from supplied datasheet.</i>	

Directly heated electronic tuning indicator developed for battery receivers.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1999 Philips 0-D

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

1999 PHILIPS 0-D

Section 1 · Tuning Indicator

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Battery voltage	120 V	—
Anode series resistance	2 MΩ	—
Screen current at grid 0 V	0.25 mA	—
Grid bias at 5 degree shadow	-4 V	—
Minimum screen voltage	90 V	—
Minimum filament voltage	1.1 V	—
Maximum filament voltage	1.5 V	—