



ELECTRONIC TUBE REFERENCE

DAF11

Voltage Radio Detector Converter electronic tube

CONSOLIDATED TECHNICAL DATA

2 SECTIONS

CONSTRUCTION

DIODE-PENTODE

Directly heated battery diode-pentode combining detector and AGC rectification with audio-frequency voltage amplification. Its economical 1.2 V, 50 mA filament and high-resistance pentode make it well suited to portable radio receivers.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	1.2 V / 50 mA	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Dissimilar

SECTION RATINGS

SECTION1 Diode

No fixed ratings recorded.

Detector diode section.

SECTION2 Pentode

PLATE RESISTANCE	900000 Ω
TRANSCONDUCTANCE	0.0006 S
MAXIMUM PLATE VOLTAGE	150 V
MAXIMUM SCREEN VOLTAGE	150 V

AF amplifier pentode section.

The Telefunken DAF11 is a directly heated battery diode-pentode combining a detector/AGC diode with an AF amplifier pentode.

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 2 · Pentode

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate Voltage	120 V	—
Screen Voltage	60 V	—
Plate Current	1.4 mA	—
Screen Current	0.2 mA	—
Transconductance	600 μ S	—