



ELECTRONIC TUBE REFERENCE

D14262GH

Specialized - Cathode Ray electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
CATHODERAY

Fourteen-centimeter compact oscilloscope CRT intended for approximately 15-20 MHz instruments, combining electrostatic beam control with a rectangular precision display.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	6.3 V / 240 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Cathode Ray

No fixed ratings recorded.

Cathode-ray tube section. Accelerator, deflection, focus and screen-specific electrical data are retained as parameters rather than forced into unrelated plate/screen fields.

14 cm compact oscilloscope CRT, 15-20 MHz class. The supplied Philips sheet was read for heater, accelerator, focusing, deflection, capacitance, limiting-value and screen data.

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 · Cathode Ray

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater voltage	6.3 V	—
Heater current	240 mA	—
Horizontal deflection coefficient	19.6 V/cm	—
Vertical deflection coefficient	10.5 V/cm	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Final/accelerator voltage	4000 V	—
Focusing electrode voltage	300–480 V	—
First accelerator voltage	2000 V	—
Screen dissipation maximum	3 mW/cm ²	—

CAPACITANCE		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
x1	7 pF	—
x2	6.5 pF	—
y1	4 pF	—
y2	3.6 pF	—
X1	22 pF	—
y1	1.1 pF	—
Control	6.1 pF	—
Cathode	2.7 pF	—

TUBE TINKER

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and their source documents.

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