

ELECTRONIC TUBE REFERENCE

DP75

Specialized - Cathode Ray electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
CATHODERAY

Philips oscillography CRT with electrostatic focusing and double electrostatic deflection. Its screen gives a short blue flash followed by a long greenish-yellow afterglow for persistent waveform viewing.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	6.3 V / 310 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Cathode Ray	
MAXIMUM PLATE VOLTAGE	400 V
Electrostatic focusing/deflection CRT section; electrical/screen/deflection data retained in parameter rows.	

Oscillography cathode-ray tube with electrostatic focusing and double electrostatic deflection; blue short plus greenish-yellow long persistence.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1957 Philips Receiving and Amplifying Tubes

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

1957 PHILIPS RECEIVING AND AMPLIFYING TUBES

Section 1 · Cathode Ray

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum Plate Voltage	400 V	—
Grid 2 Operating Voltage Minimum	200 V	—
Grid 2 Operating Voltage Maximum	300 V	—
Maximum Grid 2 Voltage	400 V	—

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Focusing Method	Electrostatic	—
Deflection Method	Double electrostatic	—
Screen Variant	blue short plus greenish-yellow long persistence	—



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1963 Philips Electron Tubes Handbook V2

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

1963 PHILIPS ELECTRON TUBES HANDBOOK V2

Section 1 · Cathode Ray

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater voltage	6.3 V	Published heater rating
Heater current	300 mA	Published heater rating

CAPACITANCE		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Grid No.1 capacitance	7 pF	OscilloscopeCRT
D1 plate capacitance	3 pF	OscilloscopeCRT
D1 prime plate capacitance	3.3 pF	OscilloscopeCRT
D2 plate capacitance	2.8 pF	OscilloscopeCRT