

Philips/Mullard DG-series cathode-ray instrument tube for oscillographic and measurement display, with manufacturer-defined electrostatic beam focusing, deflection, screen, and accelerating characteristics for type DG76.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	6.3 V / 300 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.	

The Mullard DG76 is a high-vacuum electrostatic oscilloscope tube with an approximately 2.5-inch screen and green medium persistence phosphor.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1951 Mullard Valve and Service Manual

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

1951 MULLARD VALVE AND SERVICE MANUAL

Section 1 · Cathode Ray

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Screen Colour / Persistence	Green, medium persistence	—
Focusing Method	Electrostatic	—
Deflecting Method	Double Electrostatic	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Anode Voltage	800 V	—
Focusing Electrode Voltage Minimum	200 V	—
Focusing Electrode Voltage Maximum	300 V	—

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

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	green, medium persistence	—

TUBE TINKER

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