

ELECTRONIC TUBE REFERENCE

A4726W

Specialized - Cathode Ray electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
CATHODERAY

47 cm monochrome television picture tube with electrostatic focusing, magnetic deflection, approximately 110-degree scanning, and high-voltage direct-view operation around 18-20 kV.

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
No fixed ratings recorded.
Published Telefunken ratings and characteristics promoted from the supplied source.

The Mullard A4726W is a direct-view monochrome television CRT with metal-backed screen



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 1 · Cathode Ray

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
HeaterOrFilamentVoltage	6.3 V	—
HeaterOrFilamentCurrent	300 mA	—
UsefulScreenDiagonalMinimum	446 mm	—
UsefulScreenWidthMinimum	384 mm	—
UsefulScreenHeightMinimum	305 mm	—
DeflectionMethod	Magnetic	—
Deflection Angle	110 degree	—
FocusingMethod	Electrostatic	—
ScreenConstruction	Metal-backed grey glass	—



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1963 Mullard

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

1963 MULLARD

Section 1 · Cathode Ray

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater Voltage	6.3 V	—
Heater Current	300 mA	—
Focusing Method	Electrostatic text	—

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Deflection Method	Magnetic text	—
Deflection Angle	110 deg	—
Light Transmission	50 percent	Approximate
Grid Cutoff Voltage Range	-40 to -77 V	AtFirstAnode=400V
Grid Cutoff Voltage Range	-50 to -93 V	AtFirstAnode=500V

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Final Anode Voltage	20000 V	—
Focus Electrode Voltage Minimum	0 V	—
Focus Electrode Voltage Maximum	400 V	—
First Anode Voltage	400 V	OperatingOption1
First Anode Voltage	500 V	OperatingOption2
Maximum Heater Surge Voltage	9.5 V	SeriesHeaterOperation

TUBE TINKER

An independent reference for electronic tubes, vacuum tubes, and their source documents.

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