



ELECTRONIC TUBE REFERENCE

A4110W

Specialized - Cathode Ray electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
CATHODERAY

European rectangular monochrome television picture tube with electrostatic focusing, magnetic deflection, and an aluminized or metal-backed screen. Manufacturer documentation supports direct-view receiver service with wide-angle deflection and compact cabinet geometry.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	— / 360 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.

CRT section. Maximum ratings, operating conditions, capacitances, optical and mechanical values are preserved as parameters where published.

41 cm rectangular picture tube with 110° 2. Typical Operating Conditions deflection angle, electrostatic focusing, aluminized screen and steel jacket in-

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1976 ITT Picture Tubes

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

1976 ITT PICTURE TUBES

Section 1 · Cathode Ray

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Published value	41 cm	—
I 03+	6 %	—
Ug2 .	400 V	—
938959 Ugs ® =T	0-400 V	—
Uk cutoff @_ i f	58 v	—
k Uq3g	5 a	—
k Uq3g5a max @ (2)	18 kV	—
Published value	13 kV	—
Published value	1000 V	—
(-Uqa) max	500 V	—
Ugfl max	550 A	—
1. Generalities Ug? min	200 V	—
Lens Ug'l P omax	2 V	—
DIM 44431 Zg] max	0.5 MQ	—
(Short Design) Plm max	10 mW/cm	—
Deflection Method Magnetic U_itkemax2 @ @	200 V	—
Deflection Angles Diagonal 1107 Utk max	135 V	—
MNeck Diameter	28.6 mm	—

CAPACITANCE		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Material Filter-Glass G ' approx.	6 pF	—
(Light Transmission ok approx.	5 pF	—
63 %/ approx.) Cg3g	5 a	—
Screen Phosphor P4 Alu-Calg5alm min	800 pF	—
Colour Temperature 12	0 °K	—
Dimensions Diagonal	372 mm	—
Overall Length 273+	7 mm	—
Weight	4.2 kg	—
A41	-10 W	—

TUBE TINKER

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