

ELECTRONIC TUBE REFERENCE

8MP4

Specialized - Cathode Ray electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
CATHODERAY

Eight-inch P4 cathode-ray display tube for high-voltage direct visual service, using magnetic deflection and manufacturer-specified focusing, grid-control, and accelerating-voltage characteristics.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	6.3 V / 600 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 Du Mont ratings and characteristics promoted from the supplied source.

Eight-inch rectangular monitor cathode-ray tube with electrostatic focus, magnetic deflection, aluminized screen, and low-voltage focusing.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1960 Du Mont

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

1960 DU MONT

Section 1 · Cathode Ray

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater Voltage	6.3 V	—
Heater Current	600 mA	—
DeflectionMethod	Magnetic	—
FocusingMethod	Electrostatic	—
DeflectionAngleHorizontal	85 degree	—
DeflectionAngleVertical	68 degree	—
DeflectionAngleDiagonal	90 degree	—
ScreenConstruction	Aluminized	Monitor

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
AcceleratorVoltageMaximum	18000 V	—