

ELECTRONIC TUBE REFERENCE

7BCP15

Specialized - Cathode Ray electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
CATHODERAY

Seven-inch P15 cathode-ray instrument tube for oscillographic or measurement display, with manufacturer-specified focusing, deflection, accelerating-voltage, and phosphor 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.

7.5-inch flying-spot-scanner cathode-ray tube with magnetic focus/deflection, metal-backed P15 phosphor, grey non-browning faceplate, and very short persistence.



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	Magnetic	—
Deflection Angle	45 degree	—
MinimumUsefulScreenDiameter	6.25 in	—
Phosphor	P15	FlyingSpotScanner

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
AcceleratorVoltageMaximum	42000 V	—

TUBE TINKER

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

[Catalog](#) [Tube types](#) [Full books](#) [Blog](#) [Feedback & corrections](#)

© 2026 Tube Tinker