

ELECTRONIC TUBE REFERENCE

C16GS2D

Specialized - Cathode Ray electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
CATHODERAY

Special-purpose cathode-ray instrument tube from the Standard Telephones and Cables family, with screen variant and electron-optical characteristics designated by the C16GS2D suffix.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	9
NOMINAL HEATER	0.75 V / —	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Cathode Ray	
MAXIMUM PLATE VOLTAGE	1500 V
Gas-focused CRT; delay screen.	

A gas-focused cathode-ray tube family with blue, delay, and green screen versions and electrostatic deflection plates.



SOURCE OPERATING CONDITIONS

1946 Standard Telephone and Cables

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

1946 STANDARD TELEPHONE AND CABLES

Section 1 · Cathode Ray

CHARACTERISTICS

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Interelectrode capacitances published	1	See source table for individual capacitances



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1947 Standard Valves

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

1947 STANDARD VALVES

Section 1 · Cathode Ray

OTHER

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Filament current	700 mA–1.1 A	—
Anode voltage	350–1500 V	—
Normal anode voltage	500 V	—
Shield voltage	0–50 V	—

CHARACTERISTICS

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Sensitivity	370 mm/V	V = anode voltage

DIMENSIONS

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Effective screen diameter	4 in	—