

ELECTRONIC TUBE REFERENCE

852LM

Specialized - Cathode Ray electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
CATHODERAY

Radar display CRT with an 8.5-inch rectangular metal-backed screen, low-voltage electrostatic focusing, and magnetic deflection for direct-view radar presentation.

GENERAL CHARACTERISTICS

BASE DESIGNATION	B9A	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	
MAXIMUM PLATE VOLTAGE	15000 V
<i>Promoted fields were populated only where the Ferranti sheet maps cleanly to the locked schema; additional ratings and operating values are retained in TUBE_SECTION_PARAMETER.</i>	

Radar display CRT with 8.5-inch rectangular metal-backed screen, low-voltage electrostatic focus and magnetic deflection.

SOURCE OPERATING CONDITIONS

1963 Ferranti

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

1963 FERRANTI

Section 1 · Cathode Ray

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
First and third anode voltage	12000 V	—
Second-anode focus voltage minimum	-100 V	—
Second-anode focus voltage maximum	200 V	—
Visual cutoff grid voltage minimum	-100 V	—
Visual cutoff grid voltage maximum	-50 V	—

CAPACITANCE		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Cathode-to-all capacitance maximum	8 pF	—
Grid-to-all capacitance maximum	8 pF	—