

ELECTRONIC TUBE REFERENCE

8A56LM

Specialized - Cathode Ray electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
CATHODERAY

Miniaturized eight-inch radar display CRT with low-voltage electrostatic focusing and approximately 43-degree magnetic deflection for compact radar indicators.

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>	

Miniaturized 8-inch radar display CRT with low-voltage electrostatic focus and 43-degree 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-anode voltage maximum	600 V	—
Second-and-fourth-anode voltage minimum	8000 V	—
Third-anode voltage minimum	-500 V	—
Third-anode voltage maximum	500 V	—
First-anode voltage	300 V	ValveDrive
Second-and-fourth-anode voltage	12000 V	ValveDrive
Third-anode focus voltage minimum	-300 V	ValveDrive
Third-anode focus voltage maximum	300 V	ValveDrive
Visual cutoff grid voltage	-60 V	ValveDrive

TUBE TINKER

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and their source documents.

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