



ELECTRONIC TUBE REFERENCE

GL862A

Power - Triode (over 1000V 100W) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TRIODE

Massive high-mu General Electric power triode for very-high-power low-frequency RF and amplifier service. Approximately 100 kW plate dissipation and 20 kV capability place it among extreme fixed-station power tubes.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	33 V / 207 A	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Triode	
TRANSCONDUCTANCE	0.0172 S
AMPLIFICATION FACTOR	45
MAXIMUM PLATE VOLTAGE	20000 V
MAXIMUM PLATE DISSIPATION	100000 W

Three-electrode water-cooled power tube for RF amplification, oscillation, and Class B modulation.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1968 General Electric Co

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

1968 GENERAL ELECTRIC CO

Section 1 · Triode

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
GridPlateCapacitance	69.5 pF	Approximate
Input Capacitance	53 pF	Approximate
Output Capacitance	4.5 pF	Approximate

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
MaximumRatedFrequency	1.6 MHz	—

TUBE TINKER

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