



ELECTRONIC TUBE REFERENCE

GU48

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

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TRIODE

RF power triode for operation through roughly 75 MHz. Approximately 300 W plate dissipation and multi-kilovolt capability provide moderate transmitter power for amplifier and oscillator circuits across HF and lower VHF.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	10 V / —	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Triode	
MAXIMUM PLATE VOLTAGE	3000 V
MAXIMUM PLATE DISSIPATION	300 W
English text primary; Russian used only to verify/repair OCR.	

RF power triode for operation through 75 MHz. Extracted from the English electrical and limit-operating tables of the bilingual datasheet.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1968 Electronintorg

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

1968 ELECTRONINTORG

Section 1 · Triode

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Amplification Factor	29–41	—

CAPACITANCE		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Input Capacitance	11–15 pF	—
Output Capacitance	9–13 pF	—
Transfer Capacitance	5.5–8 pF	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Minimum Output Power	700 W	35-40MHz
Output Power after 1000 h	550 W	minimum
Filament Starting Current	15 A	—
Operating Frequency	75 MHz	—

TUBE TINKER

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and their source documents.

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