



ELECTRONIC TUBE REFERENCE

RS2001

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

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TRIODE

Siemens transmitting triode for RF amplifier, oscillator, and modulator service. Rated for approximately 110 kW plate dissipation and 16 kV plate voltage, with exceptionally high transconductance for very-high-power professional transmitter stages.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	18 V / 164 A	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Triode	
TRANSCONDUCTANCE	0.115 S
AMPLIFICATION FACTOR	50
MAXIMUM PLATE VOLTAGE	16000 V
MAXIMUM PLATE DISSIPATION	110000 W
MAXIMUM GRID DISSIPATION	2000 W
MAXIMUM CATHODE CURRENT	30 A
Maximum ratings kept separate from typical operating characteristics; fixed fields use published maximum-rating values where clearly applicable.	

Transmitting triode with disc-shaped grid lead-through for use as an RF amplifier, oscillator and modulator.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1963 Siemens

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

1963 SIEMENS

Section 1 · Triode

CAPACITANCE		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Cak	4 pF	—
cga	68 pF	—