



ELECTRONIC TUBE REFERENCE

FQS151

Power - Tetrode (NOT beam) (over 1000V 100W) electronic tube

CONSOLIDATED TECHNICAL
DATA

1 SECTION
CONSTRUCTION
TETRODE

Vapour-cooled transmitting tetrode designed for RF and single-sideband amplifier service. Its high-power cooling system supports substantial professional radio-frequency output.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	7.5 V / 155 A	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Tetrode	
TRANSCONDUCTANCE	0.035 S
MAXIMUM PLATE VOLTAGE	15000 V
MAXIMUM SCREEN VOLTAGE	2200 V
MAXIMUM PLATE DISSIPATION	30000 W
MAXIMUM SCREEN DISSIPATION	800 W
MAXIMUM GRID DISSIPATION	250 W
MAXIMUM CATHODE CURRENT	55 A
<i>Published ratings and characteristics promoted where reliably recoverable from the approved sheet.</i>	

Vapour-cooled transmitting tetrode for RF and single-sideband amplifier service.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1969 Brown Boveri

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

1969 BROWN BOVERI

Section 1 · Tetrode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum Frequency	60 MHz	—
RF/Output Power	55000 W	Quick Reference, stated operating class where applicable
Maximum Anode Current	55 A	—

TUBE TINKER

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and their source documents.

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