

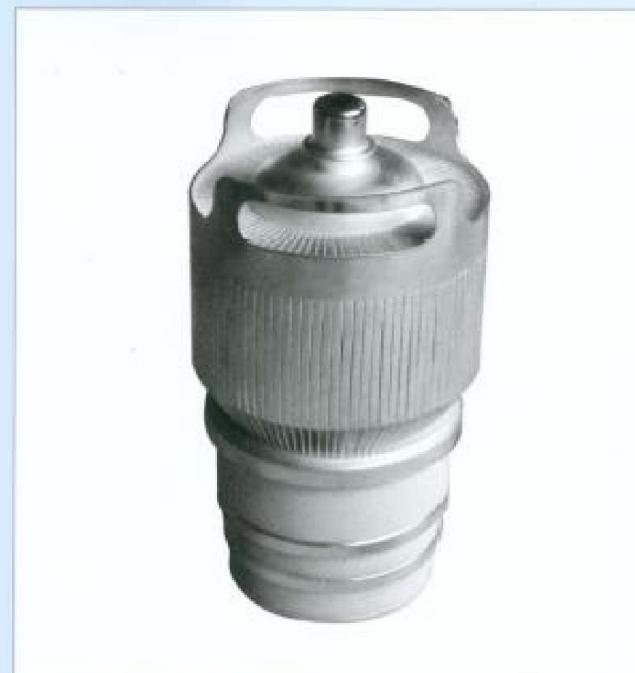
>> DB 932(1451) VHF tetrode

■ **Operating frequency:** 110 MHz

Maximum output power: 10 kW

General characteristics

Cathode	Thoriated tungsten
Heating.....	Direct
Filament voltage.....	7.5V±0.37V
Filament current.....	75A
Interelectrode capacitances(cathode earthed)	
Input(Control-grid-Screen-grid).....	122pF
Output(Control-grid-Screen-grid).....	23pF
Transfer.....	1 pF
Transconductance	25mA/V
Internal amplification factor.....	4.5
Operating position.....	Vertical
Weight.....	4.3 kg
Dimensions.....	See page 95
Cooling	Forced air
Temperature at the seal, max	250°C
Temperature at the terminal, max	150°C
Temperature on the surface of the tube, max.....	250°C



Maximum ratings

Frequency.....	110MHz
Anode voltage.....	5.5kV
Anode current.....	2.5A
Control-grid voltage.....	500V
Screen-grid voltage.....	1kV
Anode dissipation.....	3.5kW
Control-grid dissipation.....	75W
Screen-grid dissipation.....	250W

Typical operation

Frequency	110	MHz
Filament Voltage	7.5	V
Anode voltage	5	kV
Control-grid voltage	-400	V
Screen-grid voltage	500	V
Anode current(with signal)	1.4	A
Control-grid current	0.05	A
Screen-grid current	0.26	A
Anode output power	5.8	kW