

## CTK25-4 - industrial water-cooled triode with output power 100 kW

### Electrical characteristics:

Filament Voltage	9	V
Filament Current	225	A
Amplification Factor	150	
Interelectrode capacitances		
C <sub>ga</sub>	35	pF
C <sub>gc</sub>	87	pF

### Typical operation:

Frequency	75	MHz
DC Plate Voltage	11	kV
DC Plate Current	2-5	A
DC Grid Current	2.6-3	A
Plate Output Power	40-55	kW

Maximum Weight	6.2	kg
Maximum Length	353	mm
Maximum Diameter	155	mm
Operating position	vertical	
Temperature at any point on tube envelope	max 220	°C
Anode cooling	water	
Min. water pressure at inlet	5	bar
Max. water T° at outlet	60	°C

### Maximum ratings:

DC Plate Voltage	13	kV
Frequency	120	MHz
Grid Dissipation	1	kW
Plate Dissipation	50	kW
Plate Output Power	100	kW

