

CTK35-2 - industrial water-cooled triode with output power 110 kW

Electrical characteristics:

Filament Voltage	9	V
Filament Current	360	A
Amplification Factor	140	
Interelectrode capacitances		
Cga	50	pF
Cgc	145	pF

Typical operation:

Frequency	75	MHz
DC Plate Voltage	11	kV
DC Plate Current	6-10	A
DC Grid Current	3.5	A
Plate Output Power	45-70	kW

Maximum Weight	10	kg
Maximum Length	393	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	11	kV
Frequency	100	MHz
Grid Dissipation	1.8	kW
Plate Dissipation	70	kW
Plate Output Power	110	kW

