

RT-323 - Japanese Toshiba Transmitting Triode



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RT-323 is an external anode triode, requiring forced-air cooling to operate at 750 W max anode dissipation. Probably developed by Toshiba for the Army mobile ultra-short warning set Tachi No. 7. The radiator is made of very light material, likely a sort of aluminum alloy. Looking for more information.

Used as pulsed oscillator at about 100 MHz, the triode delivered 50 kW peak power.

16 V at 20 A filament.

10 kV anode max voltage, 6.5 mA mean anode current. 120 MHz max operating frequency.

92 mm max diameter by 175 mm total length.