

5668 – Transmitting triode, water-cooled



External anode water-cooled RF power triode. Pure tungsten, stress-free cathode.

20kW anode power dissipation. The rugged design made this tube ideal for industrial heating in addition to the use as RF amplifier or oscillator. Operating frequencies up to 5MHz at full ratings and up to 20MHz at reduced anode voltage.

Filament drains 60A at 22V.

5668 was made by several US manufacturers, including Federal, Machlett, Sylvania and Westinghouse. ML-5668 was first advertised by Machlett in 1948 as ruggedized replacement for the industry standard 892 in RF heating applications.

Data available in the RMA record [641](#).