

WL-530

Water Cooled Triode

GENERAL CHARACTERISTICS

Electrical

Cathode	<u>Thoriated Tungsten</u>
Filament Voltage	<u>7 to 8 Volts</u>
Filament Current	<u>85 Amperes</u>
Nominal Peak Emission	<u>80 Amperes</u>
Min. Power Output During Pulse	<u>75 Kilowatts</u>
Amplification Factor	<u>21 to 26</u>
Interelectrode Capacitance	
Grid to Plate, Max.	<u>27 Micro Microfarads</u>
Grid to Cathode, Max.	<u>23 Micro Microfarads</u>
Plate to Cathode, Max.	<u>4 Micro Microfarads</u>

Mechanical

Type of Cooling (Anode)	<u>Distilled Water</u>
Type of Cooling (Grid)	<u>Forced Air</u>
Dimensions	<u>See Outline</u>
Operating Position	<u>Anode End Down</u>

MAXIMUM RATINGS

Plate Potential	<u>15,000 Volts</u>
Grid Potential	<u>4000 Volts</u>
Plate Dissipation	<u>8000 Watts</u>
Operating Frequency	<u>120 Megacycles</u>

Bloomfield, New Jersey

December 5, 1945

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