



2.25 kW CW Helix TWT Series, 5.85 to 6.425 GHz, periodic-permanent, magnet focused, coaxial input, waveguide output, forced-air cooled. Custom configurations are also available. These variations in the performance and configuration include: mechanical configuration, electrical and RF connections, and dual-stage depressed collector.

Heater Voltage: 6.6 6.0 --- Vdc Heater Surge Current: 5.0 --- A Helix Voltage: 15.5 14.0 --- kVdc
Helix Current: 25 --- mAdc Collector Voltage 1: 67% Ew 63% Ew --- kVdc Collector Current 1:
990 --- mAdc Cathode Current: --- mAdc Collector Voltage 2: 37% Ew 33% Ew --- kVdc
Collector Current 2: 650 --- mAdc Cathode Warm-up Time: --- 3.0 --- M inutes Drive Power: ---
--- mW Collector Temp: 150 --- °C Prime Power: --- Watts Load VSWR: 1.7:1 --- VSWR
Air Flow: 828 --- lb/hr

Features

- 2.25 kW
- 5.85 - 6.425 GHz
- PPM Focusing
- Coaxial Input
- Waveguide Output
- Any Mounting Position
- Weight: 25 lbs. max
- Forced-Air Cooled



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