



400 Watt, 5.725 - 7.10 GHz, CW traveling wave tube, periodic-permanent-magnet focused, coaxial input, waveguide output, conduction 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.

model Frequency Power output (GHz) (min) VTC-6264D4 5.85 - 7.1 400 W VTC-6264D2C 5.85 - 7.1 400 W VTC-6264D5C 5.725 - 5.825 400 W

Features

- 400 Watt
- PPM Focusing
- Coaxial Input
- Waveguide Output
- Weight: 7.5 lbs. max
- Conduction Cooled
- Dual Stage Collector

Filament Voltage: 6.3 5.9 --- Vdc Filament Current: 1.8 1.0 1.4 A Helix Voltage: 9.1 8.4 8.8 kVdc
Helix Current: 15 --- 6 mAdc Collector Voltage 1: .55 Ew .49 Ew .50 Ew kVdc Collector Current 1:
175 --- 125 mAdc Cathode Current: 310 --- 290 mAdc Collector Voltage 2: .35 Ew .31 Ew .32 Ew
kVdc Collector Current 2: 310 --- 160 mAdc Cathode Warm-up Time: --- 3 3 M inutes Drive Power:
10 --- 6 mW Baseplate Temp: 120 --- 85 °C Prime Power: --- --- --- Watts Load VSWR: 1.5:1 ---
<1.25 VSWR



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