

# 125 W, Ku-Band Helix TWT

125 Watt, CW Helix TWT Series, 13.75 to 14.5 GHz, Periodic-Permanent, Magnet Focused, Coaxial Input, WR 75 Output, Conduction Cooled, Metal Ceramic Construction.

Custom configurations are also available. These variations in the performance and configuration include: mechanical configuration, electrical and RF connections.



Model Number	Frequency (GHz)	Power Output (Min.)
VTU-6125C4	13.75 – 14.5	125 W

## Features

- 125 Watts
- 13.75 GHz – 14.5 GHz
- PPM Focusing
- Coaxial Input
- WR 75 Output
- Any Mounting Position
- Weight: TBD lbs max.
- Conduction Cooled

## Operating Parameters

	Helix	Collector	Heater	Prime Power
<b>Parameters:</b>				
<b>Units:</b>	Vdc mA	Vdc mA	Vdc mA	Watts
<b>Maximum:</b>	5200 15	.50 x EW 220	6.3 1.1	500
<b>Minimum:</b>	4800 0	.42 x Ew 170	5.7 1.3	
<b>Typical:</b>	5000 5	.45 x EW 195	6.0	450

The values listed above represent specified limits for the product and are subject to change. The data should be used for basic information only. Formal, controlled specifications may be obtained from CPI for use in equipment design.