



Advanced Test Equipment Rentals

www.atecorp.com 800-404-ATEC (2832)



PT-1KW Series Pulse TWT Microwave Power Amplifiers

1.0 – 18 GHz • 1,000 – 2,000 watts, Minimum Rated Power

The PT series of KW Pulse amplifiers built by IFI; are high power, "State-of-the-art" Pulse TWT amplifiers specifically designed for microwave testing applications.

From the ground up the PT series amps are built to withstand rugged handling, whether it's being shipped to you or hauled around from site to site.

The PT series "State-of-the-art" interface is sophisticated yet simple to use. The backlit LCD screen shows forward/reverse power indication, status and self-diagnostic information.

With all this capability and its reliable elegant design, the PT series amplifiers are the perfect amplifier for your testing needs.

IFI Pulse TWT Amplifier Features:
- Solid State Power Supply Designs
- Instantaneous Broadband Frequency ranges
- Modular Design Construction
- Rugged construction & High Reliability
- Backlit LCD Display
- Integrated Force Air Cooling
- Self-diagnostic circuitry
- IEEE-488 interface, RS232



Models & General Specifications:

Table with 7 columns: Model Number, Frequency Range (GHz), Rated Power (kW minimum), Gain (dB min), Mains (kVA), Weight (pounds), Size (Inches). Lists various PT series models and their specifications.

* Over the majority of the band



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Table with 2 columns: Standard Features and descriptions. Features include VSWR protection, GPIB control, RF sample port, internal pre-amplification, and safety interlocks.

Table with 2 columns: PT-Series Specifications and values. Specifications include Frequency Range, Rated Output Power, Gain, Prime Power, Input/output Impedance, RF connectors, Pulse characteristics, and Environmental conditions.

Table with 2 columns: Standard Prime Powers and power specifications. Lists voltage and frequency options like 100, 115, 120 VAC and 100/200VAC.

Table with 2 columns: Some Available Options for IFI PT-Series TWT Amplifiers and descriptions. Options include 103 G/D (Graceful Degradation), 110-1E, 110-2, 110-3, 113, 118F or R, and 123F or R.



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Outline Configurations:

