



Advanced Test Equipment Rentals

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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). Rows include models like PT21-1KW, PT21-2KW, PT251-1KW, etc.

* Over the majority of the band



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Table with 2 columns: Standard Features and Description. Features include VSWR protection, GPIB control, RF sample port, and safety interlocks.

PT- Series Specifications:

Table with 2 columns: Specification and Value. Includes frequency range, rated output power, gain, prime power, input/output impedance, and various performance metrics like rise time and jitter.

Standard Prime Powers:

Table listing standard prime power options: 100, 115, 120 VAC and 200, 220, 230, 240 VAC, along with special power options.

Some Available Options for IFI PT- Series TWT Amplifiers

Table listing optional features: Option 103 G/D (Graceful Degradation), Option 110-1E (Ethernet control), Option 110-2 (RS 422 control), Option 110-3 (RS 485 control), Option 113 (Rack mounting), Option 118F or R (RF connections), and Option 123F or R (Sample port).



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Outline Configurations:

