



PT-1 KW SERIES

High Power Traveling Wave Tube Amplifiers

1-2 Kilowatts Pulsed
 1.0-18.0 GHz, 6% Duty Cycles

Prime Power:

100/115/220/230 or 240VAC $\pm 10\%$ 50/60 Hz, single phase
 115/208 or 200/220/230/240VAC $\pm 10\%$ 50/60 Hz,
 three phase Wye, Delta and/or 400 Hz power is available

Mechanical:

Dimensions: *14"H x 19"W x 27"D
 (Rack Mountable) (356mm x 483mm x 686mm)
 Weight: 170 pounds typical (77kg)
 Cooling: Internal forced air

Remote Operation:

GPIB, RS422, RS485, RS232, or TTL Remote Control

Environmental:

Operating Temperature: 0 - 50°C (40°C @ 10,000 Feet)
 Relative Humidity: 95% (non-condensing)
 Operating Altitude: 10,000 feet maximum
 Non-operating Temp.: -20 to 70°C
 Non-operating Altitude: 50,000 feet maximum

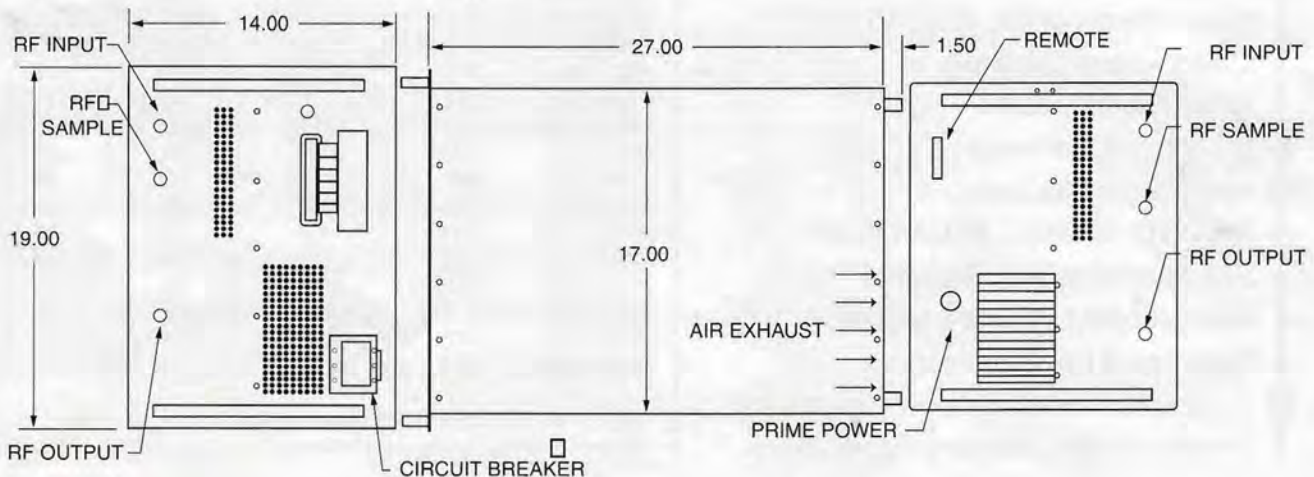
RF Specifications:

Spurious Outputs: -40 dBc, maximum.
 -50 dBc, available.
 Input Impedance: 50 Ohms, VSWR 2.0:1
 Output Impedance: 50 Ohms, VSWR 2.0:1
 2.5:1 maximum.
 Input Connector: Type N (Female).
 Output Connector: 1.0 to 8.0 GHz, Type N (Female),
 8.0 to 12.0 GHz, WR90
 12.0 to 18.0 GHz, WR62
 7.5 to 18.0 GHz, WRD750
 6.5 to 18.0 GHz, WRD650
 (Other waveguides available Option 117)

To view typical performance data go to
www.ifi.com/typdata.htm
 *Smaller units available
 Consult factory

Outline Drawing:

Specifications subject to change without notice



INSTRUMENTS FOR INDUSTRY INC.

903 South Second Street, Ronkonkoma, NY 11779
 Tel: 631-467-8400 • Fax: 631-467-8558 • E mail: sales@ifi.com