



PT-KW SERIES *High Power Traveling Wave Tube Amplifiers*

3–8 Kilowatts Pulsed
 1.0-18.0 GHz, up to 10% Duty Cycle

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

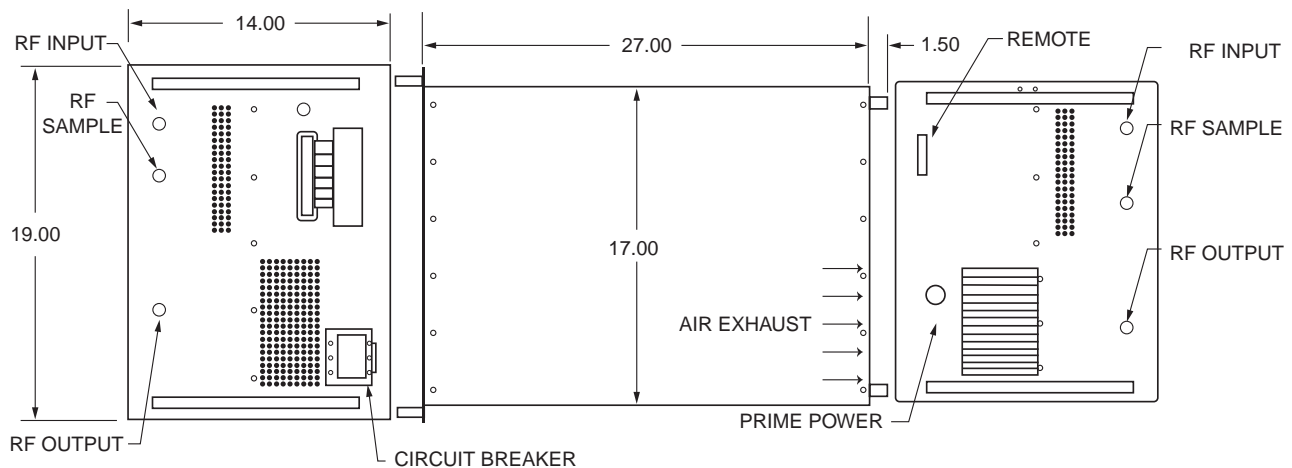
RF Specifications

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 SC (Female),
 8.0 to 12.0 GHz, WR90
 12.0 to 18.0 GHz, WR62
 7.5 to 18.0 GHz, WRD750
 6.0 to 18.0 GHz, WRD650
 (Other waveguides available
 Option 117)

To view typical performance data go to
www.ifi.com/typdata.htm

Outline Drawing:

Specifications subject to change without notice



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