



GT-200 SERIES

High Power Traveling Wave Tube Amplifiers

100-500 Watts Pulsed/CW
1.0-18.0 GHz, 0-100% 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

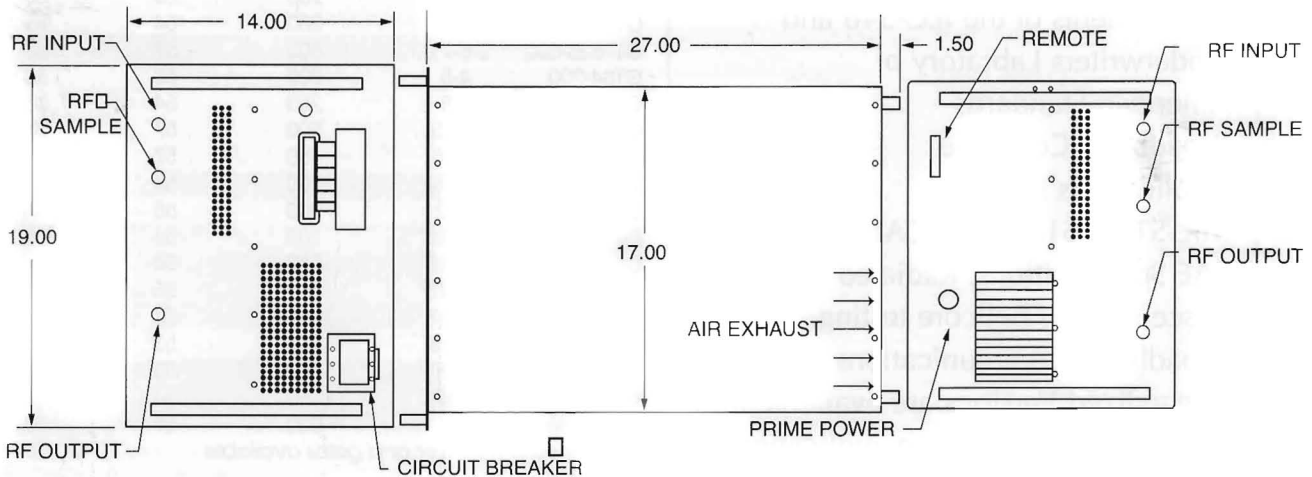
RF Specifications:

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 N or 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
*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