



S/T-50

SERIES **Medium Power Solid State & Traveling Wave Tube Amplifiers**

40/50/60 Watts CW
1.0-18.0 GHz

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: 7"H x 19"W x 4"D
 (Rack Mountable) (178mm x 483mm x 610mm)
 Weight: 50 pounds typical (23kg)
 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

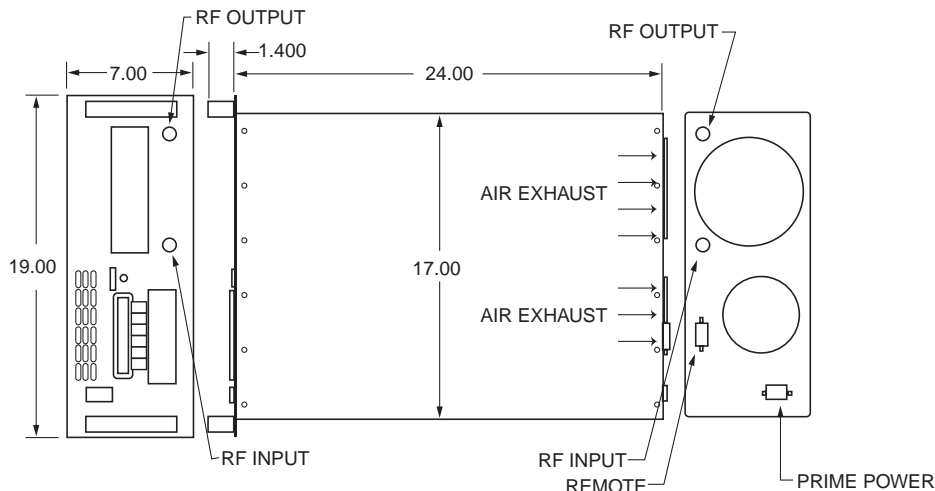
RF Specifications

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 18.0 GHz,
 Type N (Female)
 (Waveguide is 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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