



# SMCC SERIES

## Solid State Amplifiers

200-1000 MHz

### Features Include:

- *Digital Display Monitors:* Power Supply Currents, Voltage, Forward RF Power, Reflected RF Power, Total Hours, Operate Hours,
- *Status Indicators:* Power On, Standby, Operate,
- *Faults:* Overcurrent, VSWR Overload, Thermal Overloads, Power Supply
- *Controls:* AC Breaker On/Off, Standby, Operate, Fault Reset, Local/Remote
- Ease of Maintenance
- Designed to meet the safety requirements of the IEC-348 and Underwriters Laboratory of American Standards
- Broadband Coverage
- Applications Include: MIL-STD-461/462, RTCA/D0-160, SAE Specifications, Radiated Susceptibility, Bellcore testing, Broadband Communications.
- Ruggedized Versions are available for Shipboard and Airborne applications



### Models And Specifications

Model Number	Frequency Range (MHz)	Min Pwr Out* (Watts)	Min Sat Gain* (dB)	Rack Type
SMCC-10	200-1000	10	40	A
SMCC-25	200-1000	25	44	A
SMCC-50	200-1000	50	47	A
SMCC-100	200-1000	100	50	A
SMCC-200	200-1000	200	53	B
SMCC-250	200-1000	250	54	B
SMCC-350	200-1000	350	55	B
SMCC-500	200-1000	500	57	C
SMCC-600	200-1000	600	58	C
SMCC-800	200-1000	800	59	C
SMCC-1000	200-1000	1000	60	D
SMCC-2000	200-1000	2000	63	D

### INSTRUMENTS FOR INDUSTRY INC.

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[www.ifi.com](http://www.ifi.com)

### 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: See chart below  
Weight: See chart below  
Cooling: Internal forced air

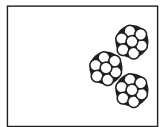
### Remote Operation

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

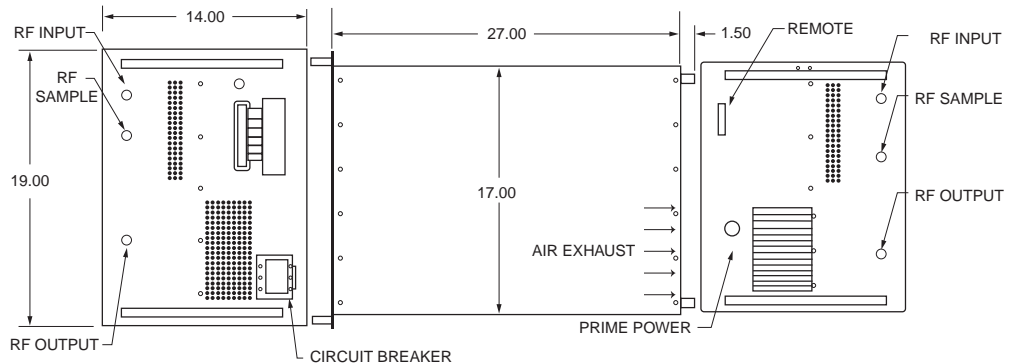
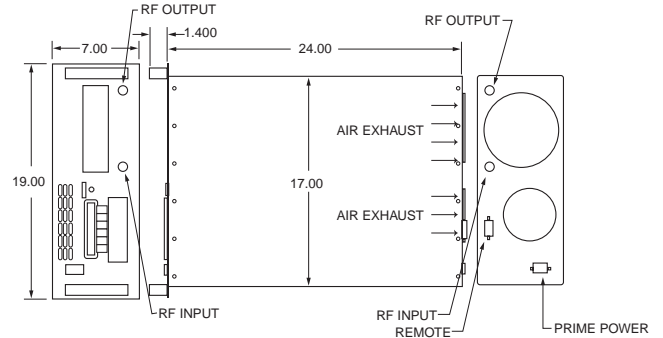
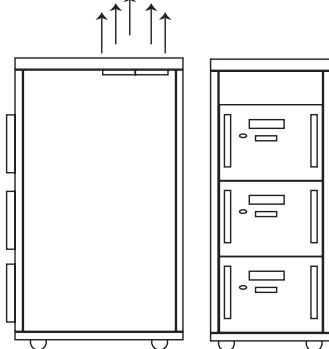
### Outline Drawing:

Specifications subject to change without notice

Type	Height	Width	Depth	Weight
(Rack Mount) A	7"	19"	24"	75 lbs.
(Rack Mount) B	14"	19"	27"	125 lbs.
(Cabinet) C	72"	22"	30"	700 lbs.
(Cabinet) D	80"	22"	30"	800 lbs.



AIR FLOW



To view typical performance data go to [www.ifi.com/typdata.htm](http://www.ifi.com/typdata.htm)



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