

# SOLID STATE POWER MODULES FOR HIGH POWER AMPLIFIERS



Our Solid State Power Modules are designed for use as the high power component in RF amplifiers.

CPI Canada Solid State Modules deliver super linear, broadband performance at L, S, C, X and Ku bands. With available RF power levels from 35 to 225 Watts at saturation.

Performance is temperature compensated for stability from  $-40^{\circ}\text{C}$  to  $+50^{\circ}\text{C}$ .

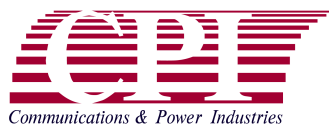
Their field-proven reliability, superior performance, and easy “drop-in” integration, makes them the premier choice of HPA manufacturers.

Integration is simple and convenient.

CPI quality and support.

## FEATURES

- High Solid State RF Power
- Field Proven Outdoor Operation
- Long Life
- High Reliability
- Simple Drop-In Integration
- Low Maintenance Costs
- Low Power Consumption
- Low Intermodulation Products
- Superior Stability (digitally compensated for extreme outdoor temperatures)



Communications & Power Industries Canada Inc  
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# CPI SOLID STATE HIGH POWER AMPLIFIER MODULES

## General Specifications

MODEL	FREQUENCY RANGE GHz	MIN. GAIN dB	POWER at -1dB dBm	SATURATED POWER WATTS
K1414-35S-M	14.00 - 14.50	70	45	35
K1414-50S-M	14.00 - 14.50	70	46	50
K1414-100S-M	14.00 - 14.50	70	50	100
K1314-35S-M	13.75 - 14.50	70	45	35
K1314-70S-M	13.75 - 14.50	70	48	70
X7984-56S-M	7.90 - 8.40	70	47	56
X7984-125S-M	7.90 - 8.40	70	50	125
X7984-225S-M	7.90 - 8.40	70	53	225
C6771-225S-M	6.70 - 7.10	70	53	225
C5865-56S-M	5.85 - 6.43	67	47	56
C5865-70S-M	5.85 - 6.43	67	48	70
C5865-110S-M	5.85 - 6.43	70	50	110
C5865-125S-M	5.85 - 6.43	70	50	125
C5865-180S-M	5.85 - 6.43	70	52	180
C5865-225S-M	5.85 - 6.43	70	53	225
C4450-56S-M	4.40 - 5.00	55	47	56
C4450-170S-M	4.40 - 5.00	60	52	170
S2527-56S-M	2.50 - 2.70	55	47	56
L1719-110S-M	1.70 - 1.90	50	50	110
L1616-60S-M	1.63 - 1.66	60	47	60

Please contact CPI for more details and to discuss specifications to match your requirements.



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