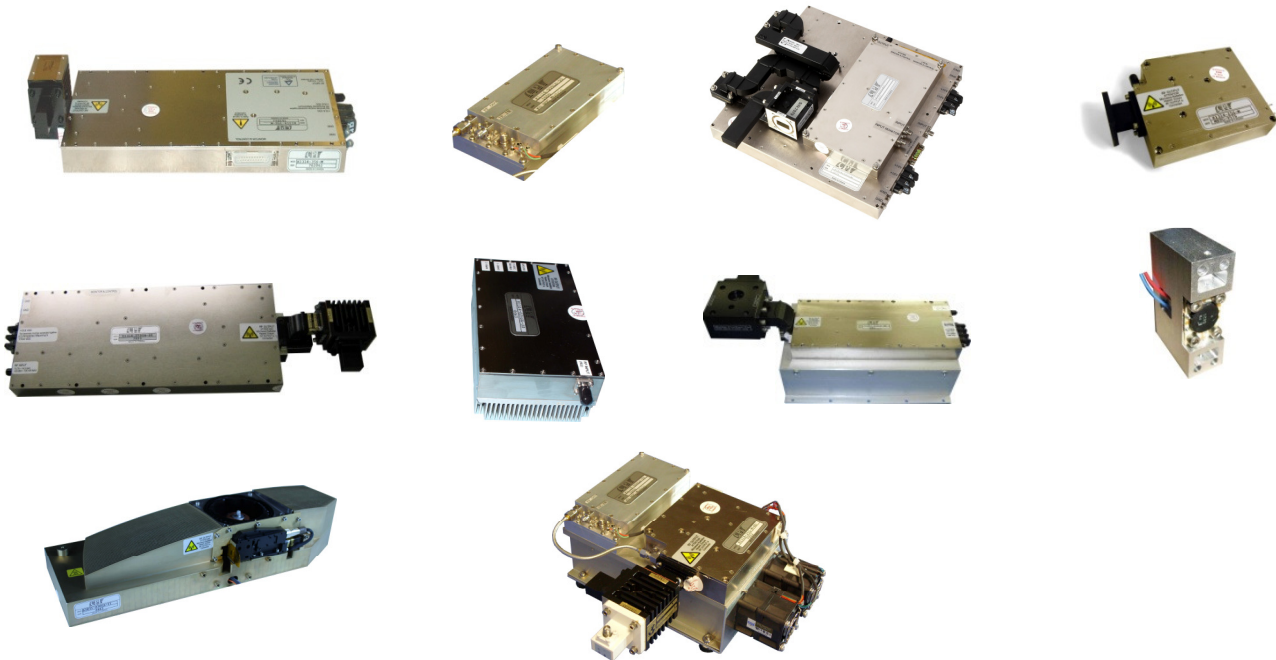




Solid State microwave amplifier modules, BUC's and assemblies for Communication Systems



CPI's Worldwide Customer Support Keeps You On-The-Air

- 25 - 225 W P-Sat in single housing
- RS232/422/485 Monitor & Control
- Low Inter-Modulation Products
- Superior Temperature Stability
- Easy Drop-In Integration
- Communication bands up to Ka
- High Reliability Designed In
- Mobile Satcom Amplifier Expertise
- Rugged Mechanical Designs
- Ethernet/LAN Option (BUC)

CPI offers a broad range of Solid State microwave amplifiers, modules, BUC's and assemblies for C through Ka band Mobile Satcom Terminals.

Our unique platform approach enables us to offer semi-custom solutions based on a ready-to-go set of building blocks that can be rapidly optimized to customer-specific physical foot print and I/O requirements. Our designs offer industry-leading product linearity, temperature stability and RF performance.

Compliance with the globally applicable safety-standard EN-60950 makes CPI Solid State products ready for international markets.

With CPI's worldwide 24-hour customer support network and fifteen regional factory service centers, help is always just around the corner.

For more detailed information or a quote please contact sales (www.cpii.com/sales.cfm) or call our customer support line at 1-905-702-2206.

CPI SOLID STATE HIGH POWER AMPLIFIER MODULES

Sample Specifications

MODEL	FREQUENCY RANGE GHz	MIN. GAIN dB	POWER @ -1dB WATTS	SATURATED POWER WATTS
A3031-030SA-xy	30.00 - 31.00	70	18 ⁽¹⁾	34
A3031-015SA-xy	30.00 - 31.00	70	9 ⁽¹⁾	18
K1414-50S-M	14.00 - 14.50	70	40	50
K1414-100S-M	14.00 - 14.50	70	80	100
K1314-25S-M	13.75 - 14.50	70	18	25
K1314-35S-M	13.75 - 14.50	50	22	35
K1314-40S-M	13.75 - 14.50	70	32	40
K1314-80S-M	13.75 - 14.50	70	48	80
K1314-100S-M	13.75 - 14.50	70	80	100
X7984-56S-M	7.90 - 8.40	70	40	56
X7984-125S-M	7.90 - 8.40	70	100	125
X7984-225S-M	7.90 - 8.40	70	200	225
C6771-225S-M	6.70 - 7.10	70	200	225
C5867-100S-M	5.85 - 6.70	70	80	100
C5867-200S-M	5.85 - 6.70	70	160	200
C5865-70S-M	5.85 - 6.43	67	50	70
C5865-125S-M	5.85 - 6.43	70	100	125
C5865-225S-M	5.85 - 6.43	70	200	225

Note 1: These are Linear Power ratings and not P1dB ratings



CPI Canada Inc., Microwave Operations
 45 River Drive, Georgetown, Ontario, Canada L7G 2J4
 Tel: (905) 877-0161 Fax: (905) 877-5327
 Email: marketing@cmp.cpii.com
 WEB: www.cpii.com/cmp

Solid State Brick Portfolio rev 1.3