

AWS CDMA / EVDO 120 Watt Multi-Carrier Power Amplifier Module

Description	Typical Specifications
Electrical Specifications	
Frequency range of operation	2110 - 2170 MHz
Operating Bandwidth	60 MHz
Output Power	120 Watts
Gain	42 dB
Gain variation over temperature	± 0.5 dB
Passband flatness	± 0.5 dB
Module Efficiency	25%
Module Current Draw @ Maximum Output	15 Amps
Operating Voltage	32 VDC
Out of Band Spurious	
Input return loss (VSWR)	> 15 dB (1.4:1)
Output Return Loss (VSWR)	> 15 dB (1.4:1)
Mechanical Specifications	
Dimensions	8.55" H x 3.37" W x 15.5" D
Weight	13.5 Pounds
Environmental Specifications	
Operating Temperature Range	-35° C to +65° C (Cold start at -35° C, meets all specs at -25° C)
Operating Relative Humidity	0% to 99%
Operating Altitude	Up to 13,000 FT

Features & Benefits

- ◆ Low IMD Products
- ◆ Hot Swappable Fans
- ◆ Optimized for WCDMA / EVDO
- ◆ High Efficiency = 25%

Model Number

- ◆ MCPA-2100-125

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All specifications are subject to change. The latest specifications are available at www.cciprducts.com

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