

# MCPA-6016



### Features

- 2150 ~ 2170MHz frequency range.
- Average output power 42dBm.  
ACLR@42dBm Pout  
53dB@Fc ±10MHz
- Operating Temperature -30 ~ 55°C

### Applications

- WCDMA HPA

## Specifications

Parameter	Unit	SPEC.	
Type		Module Type	
Frequency Range	MHz	2150~2170	
No. of Input Carriers	FA	4, max	
Total Power Output	dBm	+42.0, Avg, min	
RF Gain	dB	50.0 ±0.5	
Gain variation Over Temp. Range	dB	± 1.0, max	
Gain Flatness	dB	±0.5, max	
Linearity	dB	±0.5, max	
ACLR@42dBm Pout)	dB	48dB@Fc ±5MHz 53dB@Fc ±10MHz	
Return Loss (VSWR)	dB	15.5 min (1.4 max)	
DC	Nominal Volt.	Vdc	+28 ± 0.1V
	Current	A	6.5, max
Operating Temperature	°C	-30 ~ 55°C	