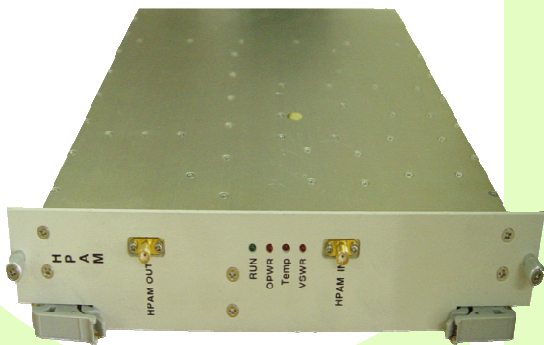




# High Power Amplifier HPAM



## Features

- L-Band TDD HPA
- Average output power 41dBm
- Spurious <-60dBc
- TDD Switching time <5us
- Operation Temperature -20°C ~ +60°C

## Applications

- Military L-band TDD HPA

## Specifications

Specification	HPAM
Frequency Range	L-Band (BW:10MHz)
Average Output Power	41dBm (Avg. power)
Gain	51 ± 1 dB
Gain Flatness	<1.0 dB
Gain Variation Over Temp. Range	± 1.0 dB
Input Return Loss	> 18dB
Output Protection	Mismatch protected with isolator
ACPR	<-40.5 dBc @ 4.77MHz
Spurious	<-60dBc
TDD switching time	< 5us
DC Input	24 ± 0.5 VDC
DC Current	3A
Operation Temperature	-20°C ~ +60°C
BITE	Over Temp.: Alarm & Shut down: 85°C Auto Recovery : HPA 온도가 80°C 이하 Over PWR : Alarm@43dBm ± 0.5 dB VSWR : 6dB ± 1 dB