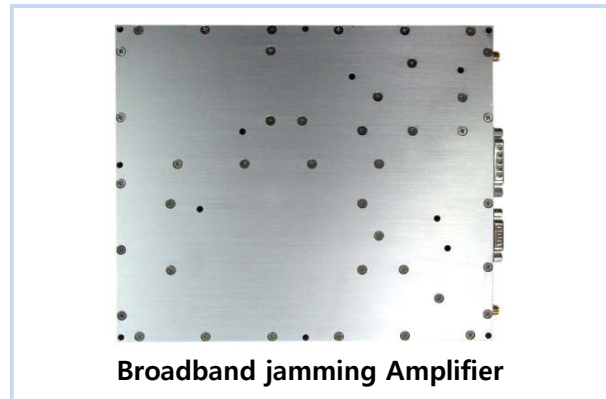


Product Features

- High power RF amplifier
- Solid State power amplifier
- High linearity and high efficiency
- 50 ohms input / output impedance

Application

- Broadband jamming system



Electrical Specification

| Parameter | Specification | Remark |
|------------------------|------------------|---------|
| Frequency Range | 20MHz~1000MHz | |
| Output Power | 50W min | CW |
| Gain | 55dB±1dB | |
| Gain Flatness | 5dB peak to peak | |
| Input VSWR | 1.5:1 max. | |
| DC IN | +28V | |
| DC Current Consumption | 11A max. | @Po=50W |
| Enable | TTL Low Active | |
| Output Detect | +4.0V @Po=+40dBm | |

Environmental Specification

| Parameter | Specification | Remark |
|-----------------------|---------------|----------------|
| Operating Temperature | -20°C~+60°C | |
| Storage Temperature | -30°C~+80°C | |
| Relative Humidity | 0%~90% | Non-condensing |

Mechanical Specification

Physical Dimension : 200mm X 100mm X 30mm



Pin Assignment

| | | |
|------------------------------------|-------------------|-----------------|
| I/O Interface (D-Sub 9Pin Male) | 1. Reserved | |
| | 2. Power Monitor | +2.4V@Po=+47dBm |
| | 3,4,6,7. N.C | |
| | 5. Enable/Disable | Enable=TTL Low |
| | 8,9. GND | |

Electrical Test Data

Gain& Input VSWR

