



# 300MHz~6.0GHz Bi-Directional Amplifier

## 10~20 Watt Output

Item # 70-234

### Key Features:

- Wide band BDA with high power output.
- With option of manual switching via Tx enable connector.
- 48V DC operation.

### ELECTRICAL SPECIFICATIONS

|                 |                           |
|-----------------|---------------------------|
| Operating Range | 300MHz - 6000 MHz         |
| Operating Mode  | TDD, Time Division Duplex |
| Transmit Power  | 10~20 Watt                |
| Transmit Gain   | 34dB±2.5dB, 40dB Optional |
| Tx Trigger      | External via 5V TTL       |
| Rx Gain         | 18~20dB                   |

#### Power Consumption:

@48V DC in Rx mode 50~100mA

@48V DC in Tx mode 600mA  
with no signal input 12-36VDC Optional

### MECHANICAL SPECIFICATIONS

Dimensions 5" x 4" x 1.75" (without heat sink)

