

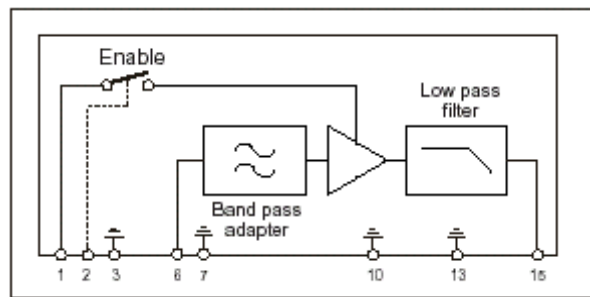


## MCA-479.5 Linear Amplifier

The MCA linear amplifier modules are designed to interface to the MAV audio/video modulator transmitter modules for applications that require extended range from the MAV-UHF-479 modules.



### Block Diagram



### Technical Specifications

- High miniaturization SIL circuit
- RF output power into a 75Ω load: 19dBm
- Supply: 12V ± 5%
- Current consumption: 100mA typical
- Operating frequency: 479.5MHz
- Intermodulation distortion: 50dB typical
- Dimensions: 38.2 x 22 x 4.2mm
- Pin pitch: 2.54mm (0.1")

### Pin-out

1. +12V
2. Enable (12V)
3. Ground
4. RF input
5. Ground
6. Ground
7. Ground
8. RF output