

## 2915 Airborne Video Downlink 40w C band FM

### Features

- Compact High Power FM Video Transmitter
- Interoperable with common RVTs, ROVER, StrikeHawk, Harris, Britvu etc
- High Performance Class A Linear GaAs Fet design
- Unconditional Stability
- Reverse polarity protection
- Over temperature protection
- Integral heat sink and cooling fan
- Serial data interface for remote frequency control
- Remote controller available



The 2915 Video Downlink transmitter provides long range video transmission in an interoperable standard compatible with many popular Remote Viewing Terminal systems.

Its solid-state design utilises GaAs power transistor technology for high performance. Protection circuits are incorporated to ensure long-term reliability. The integrated heat sink and fan assembly simplifies aircraft installation and minimises overall system mass.

#### RF/Power Characteristics:

Frequency range: 4400-4999MHz, 1MHz steps  
RF Output power: 40W / 47dBm (typ)  
Input Voltage: +12V dc  
Current Draw: 14Amps

#### Video Characteristics:

Modulation: Analogue FM, Positive Sense  
Frequency Response: 4.2MHz (NTSC), +/- 1.5dB  
Input Impedance: 75Ω Nominal  
Signal: NTSC or PAL Video In & Video Out  
Camera Supply O/P: +12vdc 250mA limit

#### Connectors:

RF Output: SMA Female  
Power / Control: LEMO

#### Environmental/Mechanical:

Designed to meet: RTCA DO-160G  
Operating temp: -10°C to +60°C  
Dimensions: 200x140x130mm  
Weight: 4.5Kg