

DTC Video Analog Transmitter 250 mW/2W and 2W/5W

COBHAM

Model - 250 mW/2W & 2W/5W Watt Video Transmitters

The most important thing we build is trust

Video Analog Transmitter

DTC has designed two exceptionally small higher power transmitters sharing many of the features of the VMS/VML-250.

The **VMS/VML-2000** provides a selectable power output of 250 mW or 2 Watts. It's internal switching power supply enables it to be operated without a heat sink in most applications, with a height of only .512". An optional heat sink is available for use when the transmitter is located in a sealed environment.

An added benefit of the switching power supply design is reduced power consumption of only

7 Watts, providing extended battery life versus other transmitters.

The **VMS/VML-5000** provides a selectable power output of 2 Watts or 5 Watts, and is suited for airborne surveillance, border patrol, and other long range surveillance applications. A heat sink is required for operation, and ships with each unit upon request.



Features:

- Exceptionally thin, only .512"
- Scrambling
- Ten channels, user programmable
 - Video in 250 KHz steps
 - Two audio subcarriers from 6.0-7.5 MHz
- Ten channel select switch
- Efficient switching power supply
 - Reduces heat generated
 - Extends battery life
- Two models available
 - 250 mW/2W power output
 - 2W/5W power output

Specifications:

Dimensions	VM*-2000, no heat sink, (3.87" x 2.75" x .512") VM*-2000, with heat sink, (3.87" x 2.75" x 1.75") VM*-5000, no heat sink, (5.37" x 3.20" x .512") VM*-5000, with heat sink, (5.37" x 3.20" x 1.75")
Power consumption	7 watts @ 12 VDC (VMX 2000)
Temperature Range	-30 to + 70C (operating)
Humidity	90% non-condensing
Controls	10 channel select rotary switch panel mounted, slide ON/OFF switch
Subcarrier Deviation	50 KHz peak
Video Frequency Response	BW1.5dB = 6 Hz - 5.0 MHz
Audio Input Level	8 mVpp@400 Hz for 50 KHz peak dev.
Operating Frequency	(VML-250) 1700-1850 MHz (VMS-250) 2200-2300 MHz (VMS-250) 2400-2500 MHz

For further information please contact:

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