

# VIDEO DE-MODULATOR

The **Control Master®** Video De-modulator has been specifically designed to work with the **Control Master®** Video exciter (Part No. 5321) to achieve high quality video picture by employing radio frequency filtering that eliminates noise created by the remote control data signals operating on the same communications system. The De-modulator improves Real Time video feedback allowing the operator to operate the remote controlled machine with no video latency and minimal picture degradation.

The De-modulator operates within a 520 to 680 MHz bandwidth and converts the video signal from the remote cameras into a standard composite video with audio (AV output) to provide clearer Real Time vision. The video demodulator is only intended for use in underground Teleremote mining.



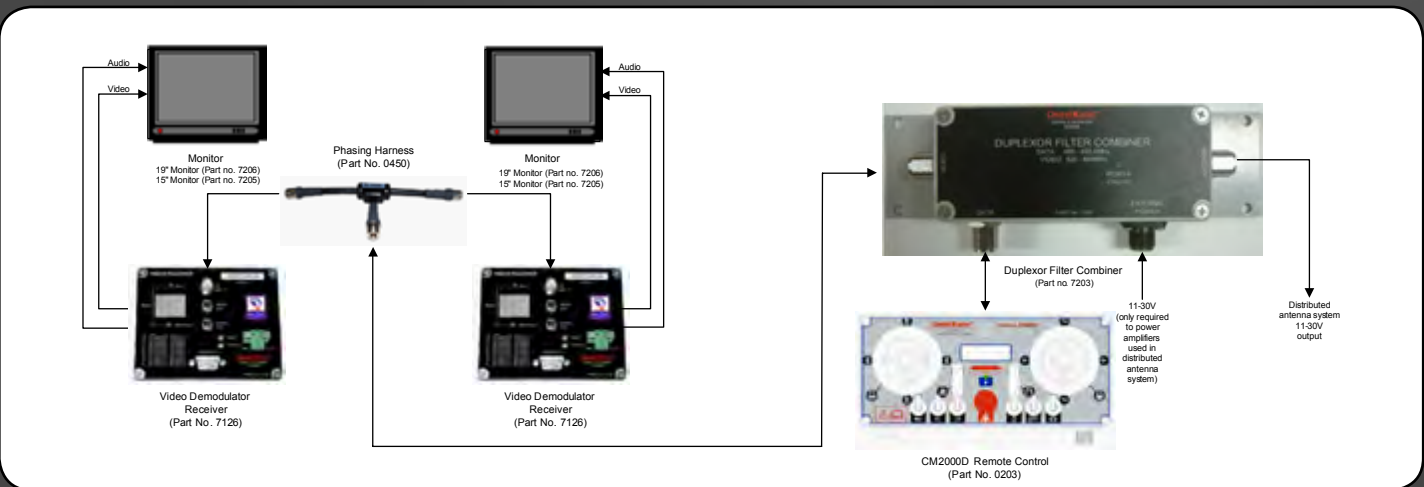
**Part No. 7126** Video De-Modulator

## FEATURES & BENEFITS

- Receives on standard Australian television channels
- Outputs standard composite video with audio (AV input)
- Receives on UHF bands IV and V in channels 27 to 50 Channel selectable via front panel interface
- Front panel interface including dual 7-segment display, two indicator LED's and two push buttons
- RS-232 serial port for configuration and diagnostics
- Operating voltage 8 to 28 V DC
- Outstanding receive sensitivity better than -60dBm

## SPECIFICATIONS

Power Supply	Input Voltage: 8.0 V – 28 V 8.0 V – 28 V Input Current: 125 mA @ 12.5 V (nominal)
RF Input	50 Ω nominal
Receiver Sensitivity (non-degraded signal)	Better than -60 dBm
Typ. Audio Out	0.7 Vpp into > 1 KΩ
Typ. Video Out	1.25 Vpp into 75 Ω (Standard composite video)



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