

UNIT 13
YOUNGS INDUSTRIAL ESTATE
PAICES HILL
ALDERMASTON
READING RG7 4PQ



6-8-84
WOOD & DOUGLAS

VHF/UHF COMMUNICATION PRODUCTS

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1250DC50 24cms Down-Converter

The 1250DC50 is a completely self-contained 24 cms downconverter compatible with our 50 MHz video intermediate frequency processor demodulator. The module has facilities for remote tuning and AFC input. The full 24 cms TV allocation is covered with minimal loss in gain.

SPECIFICATION

| | | |
|----------------------------|---|---|
| Input frequency range | : | 1240-1325 MHz |
| Intermediate frequency | : | 50 MHz nominal |
| Local oscillator injection | : | 1190-1325 MHz |
| Conversion gain | : | >25 dB ; 30 dB typical |
| First RF stage | : | MGF 1100 Ga As FET |
| Mixer type | : | Discrete Schottky ring |
| Post mixer processing | : | SL560c amplifier |
| Operating voltage | : | 11.5-14.0 Volts |
| Operating current | : | 80 mA nominal |
| Internal stabilisation | : | 8.5V; 5.5V rails |
| External connections | : | AFC input Supply input Tuning voltage input 8.5V rail output |
| RF connections | : | BNC |

Unlike the majority of our extensive product range this unit will not be available as a kit. The complexity of the circuitry demands a high level of instrumentation to allow correct alignment. Minor variations in assembly technique could also not be tolerated at such a high frequency. For these reasons we have reluctantly decided to modify our policy but would point out that the VIDIF for use with the above is available in either kit or assembled form.

Inclusive Price : **£69.95**

An independant UK company designing, manufacturing and selling radio communication technology

Partners A. Wood M. P. Telkman