

Synthesised Crystal Controlled Modulator - VSM96



- The VSM96 is a high quality synthesised modulator for use on CATV, SMATV and CCTV networks.

- The VSM96 is the updated version of the successful VSM90. It uses surface mounted components for excellent RF performance and high reliability. In addition, the VSM96 now features a built in adjustable output attenuator.

- The facility for changing channels by means of the output channel switches

- Video Section:

Input Level:	0.5 to 2 V composite video.
Input Connector:	75 Ω BNC.
Frequency Stability:	$> \pm 30$ kHz between - 10 and + 40 $^{\circ}$ C.

- Sound Section:

Input Level:	> 150 mv into 600 Ω , unbalanced.
Input Connector:	3 pin DIN.
Pre-emphasis:	50 ms.
S to V Spacing:	4.5, 5.5 or 6.0 MHz available.

- RF Output:

RF Output:	470 - 860 MHz double sideband
Vision Output Level:	> 34 dBmV rms of peak carrier into 75 Ω .
Sound Output Level:	Set - 15 dB on vision output level.

- Power: 200 - 240 V, 50 - 60 Hz at 5 VA IEC connector.

- Mounting: 19" standard rack or 2 hole wall fixing.

- Dimensions: 218 mm \times 140 mm \times 45 mm.

- Weight: 1.5 kg.

ensures that any unexpected channel changes can be rapidly accommodated.

- The need for a large stock of spare units or a long wait for a replacement crystal is eliminated.

- The unit is 1.75" high (45mm) and is designed for rack mounting. Using the optional rack panel RP1, two units may be mounted side by side in only 1U of rack space. The unit may also be wall mounted using the two fixing holes provided.

