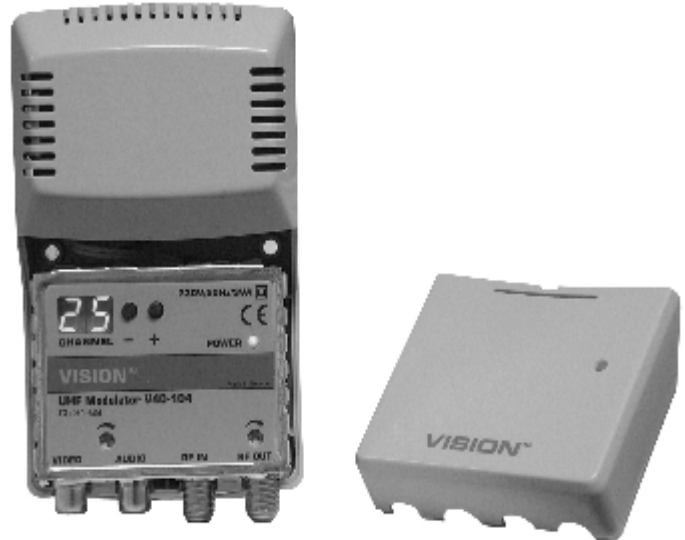


Datasheet

V40-104 Double Sideband Modulator Mains Powered

- Double Sideband Modulator for MATV systems
- Simple channel setup with digital channel display
- Micro-processor controlled
- Multi-standard PAL I, G, H, K, M, N
- Loop-thru' RF connection to combine with other channels
- Programmable parameters for frequency offset
- Test pattern generator built-in
- Fully-screened with F-connectors



Model	V40-104
Video Input Frequency	20Hz to 6MHz
Video Input Level / Impedance	1V peak to peak \pm 1dB 75 Ω
Audio Input Frequency	20Hz to 15kHz
Audio Input Level Adjustment	+1 to -14dB
Audio Level / Impedance / Deviation**	775mV RMS/10k Ω /50Hz
Audio Frequency Response Pre-Correction	50 μ s
RF Output Level	85dB μ V into 75 Ω (70-85dB μ V)
RF Level Adjustment	0 to -15dB
RF Output Channels **	21 to 69 G, H, I, K 14-78 M, N (470 to 862MHz)
Carrier Accuracy	\pm 50kHz
Sound Sub-carrier Frequency	4.5MHz, 5.5MHz 6.0MHz, 6.5MHz
Fine tuning / Channel Offset Range**	\pm 2.25MHz max. In 0.25MHz steps
Frequency Range of RF Loop Through	47 to 862MHz
Video Frequency Response	\pm 1dB
A/V Ratio**	12 \pm 3dB or 16 \pm 3dB
Mains Voltage	230v \pm 10% AC 50Hz 3VA UK Mains Plug Fitted 3A Fuse
Operating Temperature Range	-10 $^{\circ}$ C to +50 $^{\circ}$ C
Dimensions / Packed Weight	78 x 118 x 47 0.37kg
** Microprocessor Controlled / Programmable	This product is RoHS compliant

In the interests of continued product development & improvement, Vision Products (Europe) Ltd reserves the right to change product specifications, design & dimensions. Data correct at time of going to press 01/07/2008.