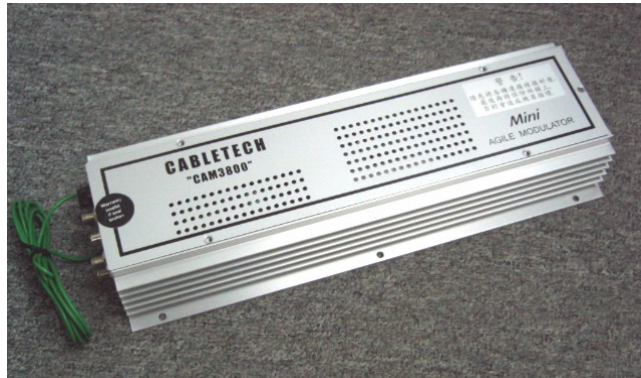


CAM-3800

Mini Agile Modulator



SPECIFICATION

RF

Frequency Range	:	54 to 860 MHz
Output Level	:	+45dBmV (minimum-15dB adjustment range)
Output Impedance	:	75 Ohms
A/V Ratio	:	Audio carrier level, adjustable from -18 to -11dB (± 2 dB) referenced to video carrier level.
Frequency Stability	:	± 5 KHz
Intercarrier Frequency	:	6.0MHz ± 0.5 KHz
Spurious Outputs	:	60dBc typical, measured at -15dB A/V ratio and with modulator output level of +45dBmV.

Video

Input Level for 87.5% Modulation	:	0.6Vp-p to 1.5Vp-p. Manual gain adjust with front panel control.
Input Impedance	:	75 Ohms
Frequency Response	:	20Hz to 4.2MHz. ± 1 dB
Video Loop	:	Through a video signal

Audio

Input Level for 25KHz Peak Deviation	:	100mVrms to 3Vrms. Manual gain adjust with front panel control.
Input Impedance	:	Greater than 10K ohms, unbalanced.
Pre-emphasis	:	50 μ sec.

GENERAL

Power Requirement	:	(A) 54~64V/AC 50Hz (B) 220V/AC 50Hz
Operating Temperature	:	0°C to +50°C ambient
Size	:	375mm(L) x 52.5mm(H) x 130mm(W)