

CM-980 Saw Filter Agile Modulator

Features:

- * **Adjacent Channel Capability**
- * **Two PLL Synthesized Circuit Designed**
- * **Built-in High Isolation SAW Filter**
- * **External IF Loop Through for any Scramble**
- * **Audio Pre-emphasis for BTSC Stereo/Mono Baseband Input**

Specifications:

AUDIO		RF	
Input Level	400mVp-p(for ± 25 KHz Dev.)	Output Frequency	980 40~550MHz/1000 550~860MHz
Frequency	NTSC :4.5MHz \pm 5KHz	Output Level	55dBmV
	PAL-D :6.5MHz \pm 5KHz	Output Level Range	15 dB Adjustable TYP
	PAL-B :5.5MHz \pm 5KHz	Output Impedance	75 ohm
Frequency Response	± 0.5 dB	Output Return Loss	22 dB
Harmonic Distortion	0.5%	Spurious Harmonics	≥ 60 dB
VIDEO		Frequency Accuracy & Stability	± 5 KHz
Input Level	1.0Vp-p (for 87.5% Mod.)	V/A Carrier Power Ratio	-9~-25 dB Adjustable
Input Impedance	75 ohm	OTHERS	
Frequency Response	± 1 dB	Power	115V AC/60Hz or 220V AC/50Hz
Modulation Range	0~95% Adjustable	Temperature Range	0~50°C
D/G	$\leq 3\%$	Dimensions	481(W) x258(D) x 44(H)mm
D/P	$\leq 3^\circ$	Weight	2.4KGS
S/N Ratio	60 dB	Packing	1 PC/Inner Box
C/N Ratio	≥ 60 dB		5 PCS/16.6KGS/3.28'/CTN
IF			
Output Level	28 dBmV		
Audio IF Carrier Frequency			
	NTSC : 41.25MHz		
	PAL-D : 31.50 MHz		
	PAL-B : 33.40 MHz		
Video IF Carrier Frequency			
	NTSC : 45.75 MHz		
	PAL-D : 38.00 MHz		
	PAL-B : 38.90 MHz		