



Agile TV modulators

DSB TV modulators

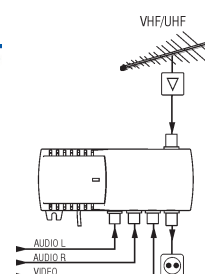
- frequency agile double sideband multistandard TV modulators
- LED display and push buttons control of internal microprocessor
- non-volatile channel memory
- PLL crystal stabilization of carriers frequency
- built-in power supply
- adjustable audio input level & RF output level
- protection from unauthorized access
- loop through RF combining
- die-cast housing inside plastic case
- connectors:
 - video/audio - RCA sockets
 - RF - type F

MT41
standards: G/H/I/L/K/M/N/Au (UHF range)

MT47
standards: B/G/D/K/H/I/L/M/N/Au
(UHF & VHF ranges)

MT57
standards: B/G/Au/stereo A2,
D/K/H/I/L/M/N/mono (UHF & VHF ranges)

CABRIOLINE



Technical specifications

T Y P E		MT41	MT47	MT57
Ordering number		12860V1	12862V1	12863V1
Video input	frequency range	20 Hz - 6 MHz		
	level/impedance	1 V ± 0.1 V/75 Ω		
Audio input	frequency range	20 Hz - 15 kHz		
	level adjustment	0 ÷ 7 dB		±6 dB by 2 dB step
RF output	level/impedance/deviation	775 mV RMS/10 kΩ/50 kHz	2x775 mV RMS/10 kΩ/50 kHz	2x775 mV RMS/10 kΩ/50 kHz
	level (typical)/impedance	90 dBμV/75 Ω	85 dBμV/75 Ω	
	level adjustment	0 ÷ -20 dB		
	output channels according channels charts	G/H/I/L/K/M/N/Au	B/G/D/K/H/I/L/M/N/Au	
	frequency range	470-862 MHz	45-84 MHz, 170-300 MHz, 470-862 MHz	
Sound subcarrier frequency		4.5 MHz, 5.5 MHz, 6.0 MHz, 6.5 MHz		
Second sound subcarrier frequency		-		5.742 MHz*
Fine tuning range of video carrier frequency		±2.25 MHz max. by 0.25 MHz step		
Combining through loss		1.5 dB	2.5 dB	
Frequency range of RF combining		5-862 MHz		
A/V ratio		12/16 dB		
Amplitude modulation depth, typical		81 %		
Signal/noise ratio, weighted		≥ 55 dB		
Power consumption		230 V~ 50/60 Hz 3.5 W	230 V~ 50/60 Hz 3 W	230 V~ 50/60 Hz 4 W
Operating temperature range		-10° ÷ + 50° C		+0° ÷ + 50° C
Dimensions/Weight (packed)		133x63x39 mm/0.36 kg	133x73x39 mm/0.36 kg	

* B/G/Au stereo A2

pr. software control