



Agile TV modulators

VSB TV modulators

- frequency agile vestigial sideband TV modulators
- LED display and push buttons control of internal microprocessor
- non-volatile channel memory
- PLL crystal stabilization of carriers frequency
- adjustable RF output level and audio input level
- loop through RF combining
- low level harmonics and intermodulation products
- built-in test pattern generator
- connectors:
video/audio - type RCA socket
RF - type F

MT32

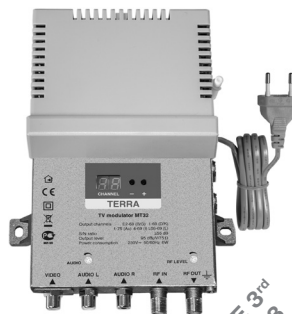
standards: B/G/D/K/Au/I/L

MT32C

standards: B/G/D/K/Au stereo A2, I/L mono

MT31

standards: G/K/I/L



CABRIOLINE



Technical specifications

T Y P E		MT32	MT32C	MT31
Ordering number		14803	14804	14801
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 pr.	
RF output	level/impedance	775 mV/10 kΩ	2x775 mV/10 kΩ	
	level (typical)/impedance	95 dBμV/75 Ω	70÷80 dBμV/75 Ω	
	level adjustment	0 ÷ -15 dB		
	output channels according channels charts pr.	B/G/D/K/Au/I/L	B/G/D/K/Au stereo A2, I/L mono	
frequency range pr.	45-862 MHz		470-862 MHz	
Sound subcarrier frequency pr.		5.5 MHz, 6.0 MHz, 6.5 MHz		
Second sound subcarrier frequency pr.		-	5.742 MHz*/6.258 MHz**	
Fine tuning range of video carrier frequency pr.		± 2.25 MHz max. by 0.25 MHz step		
Combining through loss		2.5 dB		
Frequency range of RF combining		45-862 MHz		
A/V ratio pr.		12/16 dB		
Amplitude modulation depth, typical		81 %		
Signal/noise ratio, weighted		≥ 55 dB		
II, III order intermodulation distortion		< -60 dB		
Power consumption		230 V~ 50/60 Hz 5.5 W	230 V~ 50/60 Hz 6 W	230 V~ 50/60 Hz 4 W
Operating temperature range		-10° ÷ +50° C		10° ÷ +40° C
Dimensions/Weight (packed)		135x180x52 mm/0.74 kg		133x73x39 mm/0.36 kg

* B/G/Au stereo A2

** D/K stereo A2

pr. software control

AVAILABLE 3rd quarter 2013

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