



Mini modular headend MMH3000 TV modulators

Modulates analogue video/audio signals into VSB RF channel with mono or stereo A2 sound.



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- output level stabilization
- carriers crystal stabilization
- low level harmonics and intermodulation products
- connectors:
video/audio, input - 15 Sub-D socket

mt310
VSB modulator,
standard B/G/D/K/I/L

mt310C
VSB modulator,
standard B/G/D/K/stereo A2

Technical specifications

T Y P E		mt310	mt310C
Ordering number		13819	13820
TV standard		B/G/D/K/I/L	B/G/D/K/stereo A2
Frequency range		110-862 MHz	
Video input	frequency range	20 Hz - 6 MHz	
	level/impedance	1 V ± 3 dB/75 Ω	
Audio input	frequency range	20 Hz - 15 kHz	
	level/impedance	775 mV/10 kΩ	
RF output	level/impedance	100 dBμV/75 Ω	
Return loss		≥ 14 dB	
Output level adjustment range		0 ÷ 10 dB	
S/N ratio, weighted		> 57 dB	
A/V ratio, switchable		12/16 dB	
Audio level adjustment, by 2 dB step		+ 6 ÷ -6 dB	
IMD2/IMD3 spurious level		< -60 dB	
Current consumption, max.		5.5 V 0.78 A	5.5 V 0.82 A
Operating temperature range		0° ÷ +50° C	
Dimensions/Weight (packed)		45x115x220.5 mm/0.38 kg	

pr. software control