



Stand alone modulators

HDMI to DVB-T modulators

Modulating from HDMI signal source into COFDM modulated DVB-T RF channel.

- frequency agile digital TV modulator
- LED display and push buttons control of internal microprocessor
- RF loop through input
- die-cast housing inside plastic case
- connectors:
RF input/output - type F
digital input - HDMI
DC IN - 3.5/1.3 mm DC jack

CABRIOLINE



Technical specifications		T Y P E		MHD001*	MHD001P**
Ordering number				14807	14808
Video input	input signal type			HDMI	
	video coding			MPEG-4 AVC/H.264, Baseline profile 4.0	
Audio input	input signal type			HDMI	
	audio coding			MPEG-1 Layer II, AAC	
H.264 Encoder	standard			MPEG-4 AVC/H.264	
Output resolution				up to 1920x1080x30p	
Transport stream processing	automatic generation			PAT, SDT, PMTs tables	
RF output	DVB standard			DVB-T	
	frequency range	pr.		174-230 MHz, 470-862 MHz	
	MER, typical			32 dB	
	modulation			QAM64	
	channel bandwidth	pr.		7 MHz/ 8 MHz	
	shoulder attenuation			> 36 dB	
	level/impedance			90 dB μ V/75 Ω	
	output level adjustment	pr.		0 ÷ -30 dB by 1 dB step	
	loop through frequency range/loss			45-862 MHz / $\leq$ 2.5 dB	
Current consumption				12 $\pm$ 1 V 300 mA	-
Power consumption				-	100-240 V~ 50/60 Hz 4 W
Operating temperature				0°C ÷ +40°C	
Dimensions/Weight (packed)				133x63x39 mm/0.18 kg	133x63x39 mm/0.28 kg

pr. software control

* MHD001 is packed with adapter for 5.5/2.1 mm DC jack

** MHD001P is packed with external power supply SYS1381N-1212-W2E