



# Stand alone modulators

## HDMI to DVB-T modulators with HDMI loop through

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
- HDMI & RF loop through circuits
- die-cast housing inside plastic case
- connectors:
  - RF input/output - type F
  - digital input/output - HDMI
  - DC IN - 3.5/1.3 mm DC jack

**CABRIOLINE**



Technical specifications		MHD002*	MHD002P**
TYPE			
Ordering number		14811	14812
HDMI video input/output resolution		up to 1920x1080x60p	
H.264 Encoder	video encoding standard	MPEG-4 AVC/H.264, Baseline profile 4.0	
	video output resolution	up to 1920x1080x30p	
	audio encoding standard	MPEG-1 Layer II, AAC	
Transport stream processing	automatic generation	PAT, SDT, PMTs tables	
RF output	DVB standard	DVB-T	
	frequency range	174-230 MHz, 470-862 MHz	
	MER, typical	32 dB	
	modulation	QAM64	
	channel bandwidth	7 MHz/ 8 MHz	
	shoulder attenuation	> 36 dB	
	level/impedance	90 dB $\mu$ V/75 $\Omega$	
	output level adjustment	0 $\div$ -30 dB by 1 dB step	
loop through frequency range/loss	45-862 MHz / $\leq$ 2.5 dB		
Current consumption		12 $\pm$ 1 V 330 mA	-
Power consumption		-	100-240 V~ 50/60 Hz 4.4 W
Operating temperature		0 $^{\circ}$ C $\div$ +40 $^{\circ}$ C	
Dimensions/Weight (packed)		133x63x39 mm/0.18 kg	133x63x39 mm/0.28 kg

pr. software control

\* MHD002 is packed with adapter for 5.5/2.1 mm DC jack

\*\* MHD002P is packed with external power supply SYS1381N-1212-W2E