



# Stand alone modulators

## HDMI to DVB-C modulators

Modulating from HDMI signal source into QAM modulated DVB-C 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  
 (reducer 5.5/2.1 mm in scope)

**CABRIOLINE**



**Technical specifications**

T Y P E		MHD003	MHD003P*
<b>Ordering number</b>		14814	14815
<b>Video input</b>	input signal type	HDMI	
	video coding	MPEG-4 AVC/H.264, Baseline profile 4.0	
<b>Audio input</b>	input signal type	HDMI	
	audio coding	MPEG-1 Layer II, AAC	
<b>H.264 Encoder</b>	standard	MPEG-4 AVC/H.264	
<b>Output resolution</b>		up to 1920x1080x30p	
<b>Transport stream processing</b>	automatic generation	NIT, PAT, SDT, PMTs tables	
<b>RF output</b>	DVB standard	DVB-C	
	frequency range	102 - 862 MHz	
	MER, typical	40 dB	
	modulation	QAM32, QAM64, QAM128, QAM256	
	symbol rate	2000-7200 kS/s	
	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	
<b>Current consumption</b>		12 $\pm$ 1 V 430 mA	-
<b>Power consumption</b>		-	100-240 V ~ 50/60 Hz 7 W
<b>Operating temperature</b>		0 $^{\circ}$ C $\div$ +40 $^{\circ}$ C	
<b>Dimensions/Weight (packed)</b>		133x63x39 mm/0.18 kg	133x63x39 mm/0.34 kg

pr. software control

\* MHD003P is packed with external power supply SYS1381-1212-W2E