

INDOOR MODULATORS

HMODTV-LT

SKU : 287544



HMODTV-LT INDOOR MODULATORS

High DVB-T “Home” quality indoor digital modulators with loop through on the HDMI output port. Backup RCA input and keyboard with display or PC SW for the product setup.

Main Specifications

- It receives a signal from the HDMI input and convert it into DVB-T digital terrestrial on the output F connector, into which the signal from the antenna or another modulator can then be mixed.
- It is the ideal solution to distribute in DVB-T technology, within an existing coaxial network, the SD or HD digital signals received from any device (es DVD player, decoder or camera).
- It is available with RCA input for Stereo Audio/Video primary analog signals or backup for HDMI.
- Easy installation with programming on keyboard and display or with free PC application.
- MPEG-4 AVC/H.264 video encoding with Full HD 1920x1080-30p resolution.
- VHF and UHF output band with typical MER > 35dB on the UHF channel.
- Metal Frame miniaturized to have a high shielding against interfering and excellent heat dissipation.

Name		HMODTV-LT
Code		287544
Inputs	No.	3 (HDMI, RCA, RF DVB-T MIX)
Outputs	No.	2 (RF DVB-T, HDMI LT)
Input		
Video encoding		MPEG-4 AVC / H.264
Video profile		High profile 4.0
Video resolution		1920x1080@30fps HDMI
Bitrate Video	Mbps	1-19 (adjustable)
Audio Specifications		
Audio Standard		MPEG-1 Layer II, MPEG-2, AAC, AC3
Bitrate Audio	Kbps	64, 96, 128, 192, 256, 320, 384
Audio level	Vpp	0.5 - 1 (adjustable)
Output		
Transponder No.		1
Trasmission Standards		DVB-T (EN300744)

Name		HMODTV-LT
Channels		E5-E12, E21-E69
Frequency range	MHz	174-230, 470-862
Freq. step	MHz	1
Freq. band	MHz	5, 6, 7, 8
Carriers		2K, 8K
Modulation		QPSK, 16QAM, 64QAM
Guard interval		1/4, 1/8, 1/16, 1/32
FEC		1/2, 2/3, 3/4, 5/6, 7/8
Max out level	dBμ	90
Level adj.	dB	20
MER	dB	35@JHF
MIX band	MHz	47-862
insertion loss	dB	1
LCN		Yes (Nordig, ITC/UK, EICTA/Europe, New Zealand)
other features		
Set up		Keyboard and display; PS SW on USB
Configurable parameters		Service Name, Service ID, Video PID, Audio PID, PMT PID, TSID, ONID, Network ID, Provider Name
Supply voltage	V, mA	12, 400max
Operating temperature		from 0 to 50°
Dimensions		160 x 89 x 28