

HDMI TO RF DIGITAL MODULATOR

Model Code: LKV679P-DVB-TV2

The LKV679P-DVB-TV2 converts any HDMI source into a DVB-T digital TV channel, allowing you to distribute HD content over standard coaxial cabling. Assign the output to an unused channel and feed it through your existing RF network, no new wiring needed. Multiple units can be combined to create additional custom channels. Ideal for security monitoring, retail displays, hospitality, education, and any setup that needs HDMI video delivered across a TV coax system.

Features

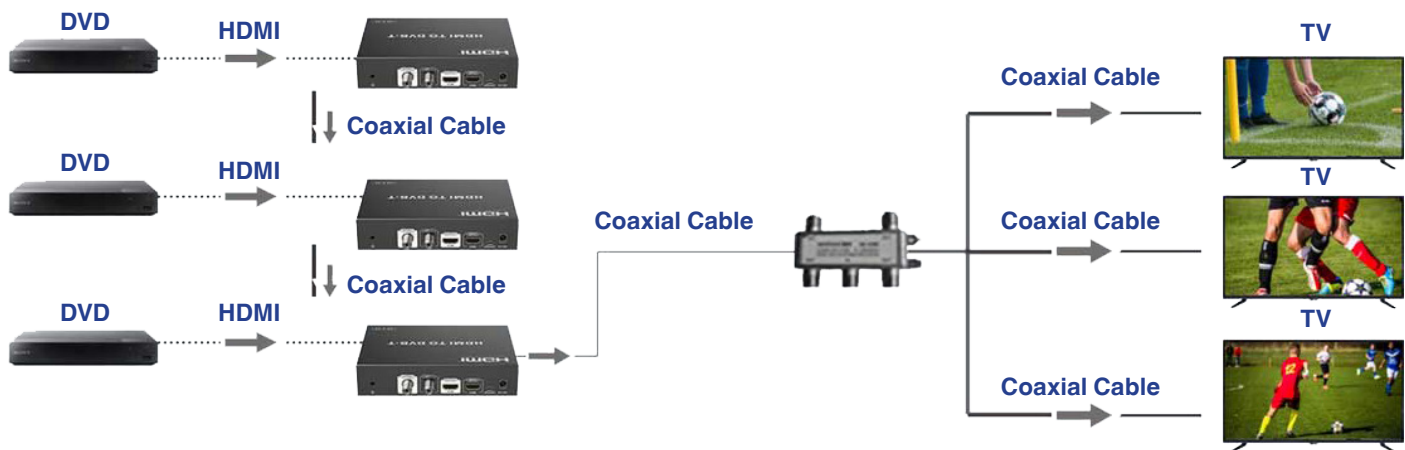
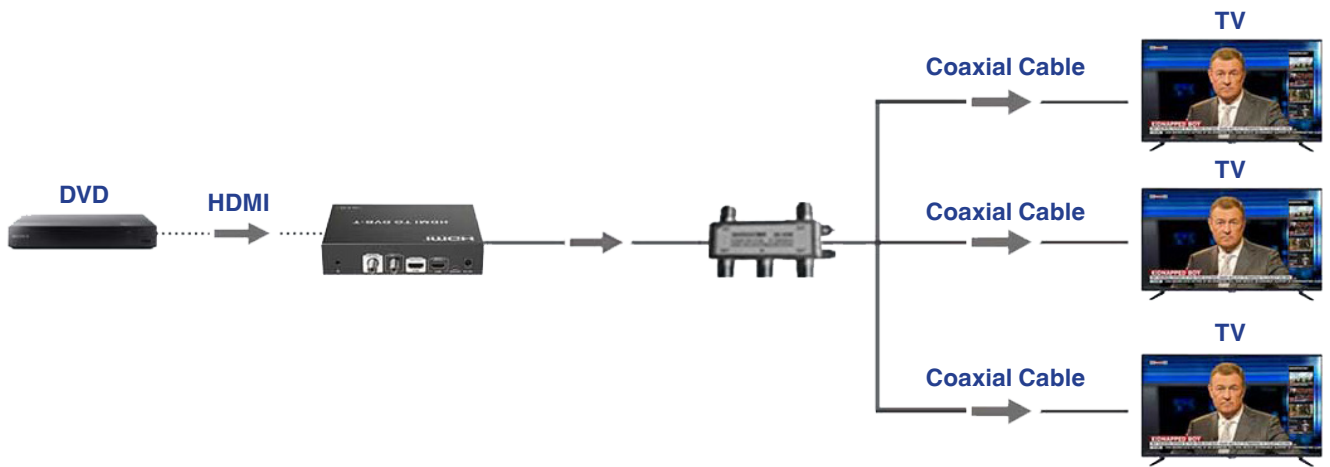
- Durable metal housing for stable, long-term operation
- Wall-mountable design for easy installation
- Strong resistance to noise and signal interference
- Supports multiple modulators in the same system to create additional channels
- Distributes a single HDMI source to multiple TVs via a standard CATV splitter
- Outputs a DVB-T digital RF signal in high definition
- Supports HDMI input up to 3840x2160@60Hz and RF output up to 3840x2160@30Hz
- Built-in lightning, surge, and ESD protection



SPECIFICATIONS

Compatibility	HDMI 2.0 HDMI 1.4/HDCP 2.2	
Resolution	480p@60Hz, 576p@50Hz, 720p@50/60Hz, 1080i@50/60Hz, 1080P@24/25/30/50/60Hz, 3840x2160@24/25/30/50/60Hz	RF OUTPUT: 720p@50/60Hz, 1080P@24/25/30Hz, 3840x2160@24/25/30Hz
DDC Signal	5Vp-p (TTL)	
TMDS Signal	0.5~1.SVp-p (TMDS)	
Video Encoding	H.264/H.265 (4K)	
Audio Encoding	MPEG2	
Audio Format	MPEG (44.1kbps, 48kbps)	
Coaxial Output Standard	DVB-T	
Coaxial Cable Required	RG6, RG7, RG11	
Frequency	177.5 ~ 866MHz	
Effective Bitrate	Max: 24M bits	
Insert Loss	+2dBm	
RF Output Wattage (TX)	-46dBm~-19dBm	
RF Interface	British system (75Ω type F)	
Power	DC 12V/1A	
Power Consumption	< 8W	
Working Temperature	-20°C~60°C	
Storage Temperature	-30°C~70°C	
Humidity	0~90% RH (no condensation)	
Material	ABS	
Weight	476g	
Colour	Black	
Dimensions	158 (L) x 115 (W) x 33 (H) mm	

Connection and Operation Diagram:



*TV Should be built with DVB-T module