

HDMI Modulators

REF. 8201 & 8202

Convert your local HDMI signal into an RF signal, ready for distribution over coaxial cables.

The modulators support all cable and terrestrial standards.

- 1 HDMI input, capable of receiving all resolutions up to 1080p60
- 1 RF input, to by-pass terrestrial or cable signals
- 1 RF output, supporting:
 - DVB-T and ISDB-T (ref. 8201)
 - DVB-T, DVB-C, DTMB and ATSC (ref. 8202)
- Perfect picture thanks to a MER comparable to other premium headend equipment
- Easy to use menu structure, in combination with the Johansson rotary/push button
- Optimized for cascading multiple modulators on your coaxial network
- Smallest housing in its range



Technical specifications:

8201 | 8202

HDMI Input

Video resolution	-	576i up to 1080p
Video encoding	-	H264/AVC
Audio encoding	-	MPEG1 Layer II / AAC
Connector type	-	HDMI Type A

RF Input

Frequency	Mhz	5 - 1218
Loss to RF output	dB	2

RF Output (=RF Input signal + HDMI modulated transponder)

Modulated channel frequency	MHz	174-1218
Output level	dBμV	59-99 (adjustable)
MER	dB	Typ. 38

Output Settings

		8202+8201	8202	8202	8202	8202	8201
Output type	-	DVB-T	DVB-C	ATSC-T	ATSC-C	DTMB	ISDB-T
Bitrate	Mbps	2-23		2-15		2-23	
Channel bandwidth	MHz	6,7 or 8	2 to 8	6	6	8	6
Constellation	-	COFDM (QPSK/ 16QAM/ 64QAM)	16QAM 32QAM 64QAM 128QAM 256QAM	8VSB	64QAM 256QAM	QPSK QAM-4NR 16QAM 32QAM 64QAM	COFDM (QPSK/ 16QAM/ 64QAM)
Other settings	-	Code rate Guard Interval 2K-8K	-	-	-	Interleave Code rate 2K-8K Sync frame PN phase	Code rate Guard Interval 2K-8K

Configuration

Basic configuration	-	Country Output Type Output Frequency Output Level LCN Channel Name
Advanced configuration	-	RF Video & Audio SID PMT, VPID, APID NIT, ONID PDS TS ID

Power & dimensions, etc...

Power	-	Input Voltage: 12 VDC Consumption: 5 W Typ. (6 W max.) Jack Ø 2.1 mm
Dimensions, weight, EAN code	-	155 x 120 x 60 mm 0.6 kg 2082010000018 or 2082020000015
Accessories	-	12 V power adapter

Specifications are subject to change without notice. 03/17