



Main features

- ✓ 4 inputs DVB-S/S2/S2X* with loop
- ✓ 4 Output mux DVB-T/ DVB-C
- ✓ For Free To air channels (FTA)
- ✓ Reduced size
- ✓ Excellent performance
- ✓ Flex Routing
- ✓ Excellent MER
- ✓ PID Filtering
- ✓ Log event
- ✓ Friendly Web interface and multilingual
- ✓ Telecontrol (Remote programming through internet)

* DVB-S2X: Allow receive DVB-S2 multistream transponder

EXCELLENT
MER

FLEX
ROUTING

DiSEqC

PID
FILTERING

LCN

Technical specifications. Compact transmodulator headend G 2414

Code	2002414
Description	Compact Headend Transmodulator Free to air (FTA) x DVB-S/S2/S2x to 4 x DVB-T/ DVB-C
INPUT	
Number of inputs	4
Tuner Loop	Sí
Connectors	Type F female 75 Ω
DVB-S	Symbol rate: 1-55 Mbits Roll off: 0,2, 0,25, 0,35 (Automatic) FEC: 1/2, 2/3, 3/4, 5/6, 7/8 (Automatic) Spectrum inversion: Inverted and not inverted (Automatic)
DVB-S2	Symbol Rate: QPSK: 1-55 MBaud/s / 8-PSK: 1-45 MBaud/s Roll off: 0,2, 0,25, 0,35 (Automatic) FEC: QPSK: 1/2, 3/5, 2/3, 3/4, 4/5, 5/6, 8/9, 8/10 (Automatic) 8-PSK: 3/5, 2/3, 3/4, 5/6, 8/9, 9/10 (Automatic) Spectrum inversion: Inverted and not inverted (Automatic)
DVB-S2X	Symbol Rate: QPSK: 1-45 MBaud/s / 8-PSK: 1-30 MBaud/s Roll off: de 0 a 0,35 (Automatic) FEC: QPSK: 1/2, 3/5, 2/3, 3/4, 4/5, 5/6, 8/9, 8/10 (Automatic) 8-PSK: 3/5, 2/3, 3/4, 5/6, 8/9, 9/10 (Automatic) Spectrum inversion: Inverted and not inverted (Automatic)
Frequency range	950-2150 MHz
Input level	44 dBμV - 84 dBμV / (-65 dBm to -25 dBm)
LNB (Remote power supply)	0V / 13V/ 18V/ 0-22kHz
Maximum LNB current	400 mA
Support Diseqc 1.0	Yes
Integrated multiplexor	Yes, allow routing from any input service to any output mux
Support Multistream	Yes
OUTPUT	
Number of connectors	1
Connectors	Type F female 75 Ω
Number of output MUX	4
DVB-T	Frequency range: 110-950 MHz Mode: 2K/8K Bandwidth: 6, 7 & 8 MHz Constellation: QPSK, 16 QAM & 64 QAM Guard interval: 1/4, 1/8, 1/16 y 1/32 FEC (code rate): 1/2, 2/3, 3/4, 5/6 & 7/8
DVB-C	Frequency range: 110-950 MHz Constellation: 16QAM, 32QAM, 64QAM, 128QAM & 256QAM Symbol rate: 1.-7.200 Mbd
Output level	90 dBμV / (-18 dBm)
Regulation	0-31.5 dB (step 0.5 dB)
MER	≥ 42 dB
LAN (ONLY USED FOR PROGRAMMING)	
Programming	Using a Web interface
Supported languages web interface	English, Spanish and French
Type of connector	RJ 45
Speed	100 Mbits
Standard	IEEE 802.3 10/100 Base-T
GENERAL	
Supply Voltage / current consumption	12 Vdc / 1.8 A
External power supply	100-240 Vac 50-60Hz / 12 Vdc -2.5 A
DC IN jack connector	2 x Φ 2.1 mm
Maximum power consumption	23 W
Dimensions	235 mm x 115 mm x 48 mm
Working temperature range	0-40 °C

