



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
- ✓ Output IP stream allow up to 64 SPTS or 4 MPTS
- ✓ Up to 480 Mbits** in the IP Stream output
- ✓ Allow unicast y Multicast streams
- ✓ Log event
- ✓ Friendly Web interface and multilingual
- ✓ Telecontrol (Remote programming through internet)

* Only when using only the IP output

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

EXCELLENT
MER

FLEX
ROUTING

DiSEqC

PID
FILTERING

LCN

RF
OUTPUT

IP
OUTPUT

Technical specifications. Compact transmodulator headend G 2434

Code	2002434
Description	Compact Headend Transmodulator Free to air (FTA) x DVB-S/S2/S2x to 4 x DVB-T/ DVB-C + IP
INPUT	
Number of inputs	4
Tuner Loop	Yes
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
RF 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	93±2 dBμV / (-15±2 dBm)
Regulation	0-31.5 dB (step 0.5 dB)
MER	≥ 42 dB
IP OUTPUT	
IP TS Out	Yes
Protocol	UDP/RTP (Multicast / Unicast)
Speed	1Gbit
IGMP support	Yes, V2, v3
Type	MPTS (up to 4 TS) - SPTS (up to 64 services)
Max. Birate	480 Mbps (In IPTV streaming mode)
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	25 W
Dimensions	235 mm x 115 mm x 48 mm
Working temperature range	0-40 °C

BCN Distribuciones, S.A.U.

Milà i Fontanals 118-120
 08205 SABADELL (Barcelona)
 Tel.: +34 93 729 27 00 / Fax: +34 93 729 30 73
 info@ftemaximal.com



www.ftemaximal.com