EVA-210

EVA-210 is a high performance VSB modulator that can be programmed to multiple international standards. The EVA-210 also incorporates a NICAM digital stereo encoder giving high quality stereo.

Features:
- High quality professional VSB RF modulator
- NICAM stereo sound encoder
- For operation in SMATV and Cable TV head ends
- Can be set to any transmission standard
- High output level (≥110 dBµV)
- Covers 47-860 MHz
- PAL/SECAM/NTSC operation
- Settings via PC or PALM PDA (RS-232)
- Video (phono) and stereo audio (phono) inputs
- Low power consumption

DVB’s main transmission standards, DVB-S for Satellite, DVB-C for Cable and DVB-T for terrestrial, dominate the world and are the basis for most of the alternative standards.
### TECHNICAL SPECIFICATION

**EVA-210 VSB RF modulator with NICAM**

(This specification may be subject to change without notice).

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**Audio input**

- **Video level**: 1 Vp, 75 Ω
- **Audio level**: 0.77 Vrms nominal, high impedance

**RF output**

- **RF output impedance**: 75 Ω
- **RF output frequency**: 47 – 860 MHz
- **RF output level**: ≥110 dBµV, variable 0 to -31 dB in 1 dB steps
- **Spurious signals Suppression**: > 60 dB
- **Standards**: PAL, SECAM or NTSC

**NICAM**

- **Standards**: NICAM 728 (EN 300 163)
- **Power ratio (Vision/Nicam carrier)**: B/G -20dB, I -24dB, D/K -27dB
- **Tolerance**: +/- 1dB

**Controller**

- Palm handheld or PC (software included)

**Operating temperature**

0 to 50˚C

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