

# ASTRO X-DVB-C/Multinorm twin

## SIGNAL CONVERTER 2 X DVB-C INTO 1 X 2 PAL



- plugin card for modular base units X-2 twin, X-8 twin and V 16
- processing of 2 digital DVB-C TV programmes into 2 PAL adjacent channels in the frequency range 47 - 862 MHz
- free configuration via software
- compliant to all common TV norms
- WSS, teletext, VPS, different analogue TV standards programmable
- outstanding signal parameters by Direct Digital Technology

## SPECIFICATIONS

| TYPE                               | X-DVB-C MULTINORM TWIN | X-DVB-C MULTINORM TWIN CI           |
|------------------------------------|------------------------|-------------------------------------|
| <b>QAM DEMODULATOR</b>             |                        |                                     |
| Connectors                         | [Ω]                    | F-jack, 75                          |
| Input frequency range              | [MHz]                  | 47 – 862                            |
| Input level                        | [dBµV]                 | 47 – 92                             |
| Reflection loss                    | [dB]                   | > 8                                 |
| AFC catch range                    |                        | adjusted automatically              |
| Range of level control             | [dB]                   | typ. 45                             |
| Input data rate                    | [mBaud]                | 0,5 - 7, adjustable                 |
| CI interfaces                      |                        | - Yes                               |
| <b>RF MODULATORS</b>               |                        |                                     |
| channel selective filter pluggable |                        | no                                  |
| Connectors                         | [Ω]                    | IEC-jack, 75                        |
| Output frequency                   | [MHz]                  | 47 - 862 (K2 - K69)                 |
| Output level                       | [dBµV]                 | 90 – 100                            |
| Intermodulation distance           | [dB]                   | typ. 60                             |
| Reflection loss                    | [dB]                   | > 10                                |
| Spurious frequency distance        | [dB]                   | typ. 60                             |
| TV standard                        |                        | PAL/SECAM, B/G/D, SECAM L, A2/NICAM |
| Intercarrier signal-to-noise ratio | [dB]                   | typ. 60                             |
| Stereo cross talk                  | [dB]                   | > 55                                |
| Residual carrier accuracy          | [%]                    | 1                                   |
| Video signal-to-noise ratio        | [dB]                   | typ. 60                             |
| <b>COMMON DATA</b>                 |                        |                                     |
| Power consumption                  | [W]                    | 13,5                                |
| Ambient temperature                | [°C]                   | 0...+50                             |