



- **Satelliten characteristics**
 - Up to 46 MSymbols DVB-S2, QPSK, 8PSK
 - LNB Power: 4 * max. 19V, 1A pulse current, 500mA continuous current, overcurrent protection, short-circuit protection
 - L-Band: 950 MHz to 2150 MHz
 - DVB FEC: (Auto Spectral Detection)
 - Modulation: QPSK/8PSK
 - Full DiSeqC 2.X support
- **DVB-C characteristics**
 - Frequency range: 51-858 MHz
 - All modulations according to DVB-C specification
 - Symbolraten von 0,87 bis 6,9 MBaud
 - Sensitivity: 47dbμV (64QAM), 47dbμV (256QAM)
- **DVB-C2 characteristics**
 - Demodulation
 - 16, 64, 256, 1024, 4096 QAM
 - 2/3, 3/4, 4/5, 5/6, 8/9, 9/10 Code Rates
 - 1/64 and 1/128 Guard Intervals
 - 8 MHz and 6 MHz channel bandwidths
 - Data Slices Types 1 & 2 supported
 - Data Slice width up to 7.61 MHz
 - Stream processor for automatic common-PLP and data-PLP combination
 - FEC Header Type
 - Robust mode
 - High Efficiency mode
 - Notch Support
 - Narrowband and broadband notches
 - Reception of narrow channels down to 2 MHz between broadband notches
 - Time interleaving modes 4. 8 symbols and .best fit'
- **DVB-T/T2 characteristics**
 - Frequency range: 49-861MHz, 2k&8k OFDM
 - All modulations according to DVB-T and DVB-T2 specification
 - Sensitivity: -83,0dBm bei 16-QAM&3/4
- **ISDB-T characteristics**
 - Conforms to ARIB STD-B31
 - 6 MHz, 7 MHz and 8 MHz BW support
 - Excellent phase noise resistance
 - Excellent multipath equalization performance
 - Automatic detection of mode/guard interval lengths
 - EWS (Emergency Warning System) flag output
- **Standard connectors**
 - PCI Express
 - Sat-F connector (support possible required, requires power supply to LNB)
 - IEC connector (Input)
 - 20-pin socket for flat-ribbon cable to connect to Octopus NET
- **Unicable compliant**
 - SCR / Cenelec EN 50494 (Unicable®)
 - CENELEC EN50607
- **Green IT**
 - RoHS compliant
 - WEEE DE 99353762
- **Power consumption**
 - DVB-T2: 8,6 watts (worst case -80dBm QAM256 7/8)
 - DVB-C: 7 watts

Item: 3021