## **[Comparsion table](https://www.digital-devices.eu/shop/en/tv-cards/tv-cards-for-pcie/340/8-tuner-tv-card-dd-max-sx8-4/8-dvb-s2/dvb-s2x-full-spectrum?c=121" \o "Comparsion table)**

|  |  |  |  |
| --- | --- | --- | --- |
| **Card features** | **Max SX8** | **Max S8** | **Cine S2 V7A** |
| Demodulators/Channels | 8 | 8 | 2 |
| Inputs | 4 | 4 | 2 |
| BBFrame Output | 1 | 0 | 1 |

|  |  |  |  |
| --- | --- | --- | --- |
| **Maximum Symbolrates** | **Max SX8** | **Max S8** | **Cine S2V7A** |
| QPSK | ~95   1) | 45 | 67.5 |
| 8PSK/8APSK | 86     1) | 45 | 67.5/45 |
| 16APSK | 64.5 |   | 67.5/33.75 |
| 32APSK | 51.6 |   | 54/27 |
| 64APSK | 43 |   |   |
| 128APSK | 36.85 |   |   |
| 256APSK | 32.25 |   |   |
| Annex M | 500 |   |   |

1) Symbol rates was tested up to 85 MSymbols / s

|  |  |  |  |
| --- | --- | --- | --- |
| **DVB-S2/S2X Features** | **Max SX8** | **Max S8** | **Cine S2 V7A** |
| Short Frames ​ | **•** |   | **•** |
| Long Frames | **•** | **•** | **•** |
| ACM (Adaptive Coding and Modulation) | **•** |   | **•** |
| MIS (Multiple Input Streams) | **•** |   | **•** |
| Annex M | **•**2) |   |   |
| Channel Bonding (S2X) | **•**2) |   |   |
| QPSK 1/4,1/3,2/5 | **•** |   | **•** |
| QPSK 1/2,3/5,2/3,3/4,4/5,8/9,8/10 | **•** | **•** | **•** |
| QPSK 13/45,9/20,11/20 | **•** |   |   |
| 8PSK 3/5, 2/3, 3/4, 5/6, 8/9, 9/10 | **•** | **•** | **•** |
| 8PSK 23/36, 25/36, 13/18 | **•** |   |   |
| 8APSK-L 5/9, 26/45 | **•** |   |   |
| 16APSK 2/3, 3/4, 5/6, 8/9, 9/10 | **•** |   | **•** |
| 16APSK 26/45 3/5, 28/45, 23/36, 13/18, 7/9, 77/90 | **•** |   |   |
| 16APSK-L 5/9, 8/15, 1/2, 3/5, 2/3 | **•** |   |   |
| 32APSK 3/4, 4/5, 5/6, 8/9, 9/10 | **•** |   | **•** |
| 32APSK 32/45, 11/15, 7/9 | **•** |   |   |
| 32APSK-L 2/3 | **•** |   |   |
| 64APSK 11/15, 7/9, 4/5, 5/6 | **•** |   |   |
| 64APSK-L 32/45 | **•** |   |   |
| 128APSK 3/4, 7/9 | **•** |   |   |
| 256APSK 32/45,3/4 | **•** |   |   |
| 256APSK-L 29/45, 2/3, 31/45, 11/15 | **•** |   |   |
| VL-SNR |   |   |   |
| Maximale Baudrate von 500 Mbit/s | **•** |   |   |
| bis zu 2 slices | **•** |   |   |
| Fehlerkorrektur: LDPC 720 Mbit/s |   |   |   |
| Maximale DVB-S2/S2X LDPC-Bitrate für alle 8 Tuner ist 720 MBit/s. | **•** |   |   |
| VCM (Variable Coding and Modulation) | **•** |   |   |

2) currently not implemented due to lack of testing options