

Features	MAX SX8	MAX SX8 Basic	MAX M8E	MAX M8 ATSC	MAX M8 IS3	MAX M4	MAX M2	MAX CI M2
Tuner	8	8	8	8	8	4	2	2
DVB-S/DVB-S2	✓	✓	✓		✓	✓	✓	✓
DVB-S2X	✓		✓		✓		✓	✓
Quad LNB Support	✓	✓				✓	✓	✓
Quattro LNB Support	✓	✓						
DiSeqC Support	✓	✓	✓		✓	✓	✓	✓
Unicable® and JESS®	✓	✓	✓		✓	✓	✓	✓
Integrated Multiswitch	✓	✓						
DVB-C			✓			✓	✓	✓
DVB-C2						✓		
ISDB-C			✓		✓		✓	✓
J.83 Annex-B			✓			✓	✓	✓
DVB-T/DVB-T2			✓			✓	✓	✓
ISDB-T			✓		✓	✓	✓	✓
ISDB-S			✓		✓	✓	✓	✓
ISDB-S3					✓		✓	✓
ATSC / ATSC-3				✓				
DVB-S/S2/S2X Features	MAX SX8	MAX SX8 Basic	MAX M8E	MAX M8 ATSC	MAX M8 IS3	Max M4	MAX M2	MAX CI M2
Short Frames	✓							
Long Frames	✓	✓	✓		✓	✓	✓	✓
ACM/VCN	✓							
MIS	✓		✓				✓	✓
Annex M	✓							
Channel Bonding (S2X)	✓							
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	✓	✓	✓		✓		✓	✓
QPSK 11/45, 4/15, 14/45, 7/15, 8/15, 32/45	✓		✓				✓	✓
8PSK 3/5, 2/3, 3/4, 5/6, 8/9, 9/10	✓	✓	✓		✓	✓	✓	✓
8PSK 23/36, 25/36, 13/18	✓	✓	✓		✓		✓	✓
8PSK 7/15, 8/15, 26/45, 32/45	✓		✓				✓	✓
8APSK-L 5/9, 26/45	✓	✓	✓		✓		✓	✓
16APSK 2/3, 3/4, 5/6, 8/9, 9/10	✓		✓			i ³	✓	✓
16APSK 26/45, 3/5, 28/45, 23/36, 13/18, 7/9, 77/90	✓		✓				✓	✓
16APSK 7/15, 8/15, 26/45, 3/5, 32/45	✓		✓				✓	✓
16APSK-L 5/9, 8/15, 1/2, 3/5, 2/3	✓		✓				✓	✓
32APSK 3/4, 4/5, 5/6, 8/9, 9/10	✓		✓			i ³	✓	✓
32APSK 32/45, 11/15, 7/9	✓		✓				✓	✓
32APSK 2/3, 32/45	✓		✓				✓	✓
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								
Maximum Symbolrates (MSymbols/s)	MAX SX8	MAX SX8 Basic	MAX M8E	MAX M8 ATSC	MAX M8 IS3	Max M4	MAX M2	MAX CI M2
QPSK	~95 ¹	64.5 ¹	45		45	46	45	45
8PSK/8APSK	86 ¹	64.5 ¹	45		45	46	45	45
16APSK	64.5 ¹		45		45	34.5 ²	45	45
32APSK	51.6 ¹		40		40	27.5 ³	40	40
64APSK	43 ¹							
128APSK	36.85 ¹							
256APSK	32.25 ¹							
Annex M	500							
Card Features								
Demodulators/Channels	8	8	8		8	4	2	
Inputs	4	4	1		1	4	2	
BBFrame Output	✓							

³ 16APSK, 32APSK possible but 4dB loss of performance

¹ Maximum DVB-S2/S2X LDPC bitrate is limited to 720 Mbit/s. This bitrate is defined as symbolrate * bits/symbol, i.e. 8PSK 36 Msymbols = 90 Mbit/s. The used bitrate is dynamically allocated by the driver. DVB-S channels don't contribute to the limit.

² Single/dual demod usage.