DVB-S/S2 2.0



DVB-S/S2 – UMT LLC

DVB UMT LLC DVB-S/S2

Ethernet VCC UMT F N SMA

	-65 ... -25 dBm
RF (DVB-S/S2)	950 MHz-2150 MHz 1 kHz
	RF N (F SMA)
	1 ... 45 MSymb/s (QPSK); 1 ... 45 MSymb/s (8PSK); 1 ... 38.7 MSymb/s (16PSK, 1 channel mode), 1 ... 43 MSymb/s (16PSK, 1 channel mode, by request); 1 ... 31 MSymb/s (32PSK, 1 channel mode), 1 ... 34.5 MSymb/s (32PSK, 1 channel mode, by request); 1 KSymb/s
RF	

RF (50Ω)	80-100 dBµV
	RF N (F SMA)
	10 MHz
RF (DVB-S/S2)	950 MHz-2150 MHz 1 kHz
DVB-S	
	QPSK
(MER)	27 dB
FEC	1/2 , 2/3 , 3/4 , 5/6 , 7/8
	1–45 MSymbol/s
DVB-S2	
	QPSK / 8PSK / 16APSK 32APSK ( )
(MER)	27 dB
FEC (LDPC)	1/4 , 1/3 , 2/5 , 1/2 , 3/5 , 2/3 , 3/4 , 4/5 , 5/6 , 8/9 , 9/10
	1 ... 45 MSymb/s (QPSK); 1 ... 45 MSymb/s (8PSK); 1 ... 38.7 MSymb/s (16PSK, 1 channel mode), 1 ... 43 MSymb/s (16PSK, 1 channel mode, by request); 1 ... 31 MSymb/s (32PSK, 1 channel mode), 1 ... 34.5 MSymb/s (32PSK, 1 channel mode, by request); 1 KSymb/s

	0.2, 0.25, 0.35
	/
10 MHz	10-6-10-8 ( )
	BUC 24V, 3A ( )
	RJ-45, Ethernet
	110-240 VAC, 50/60Hz
	6W
	0 45 (32 113)
	-20 80 (-4 176)
	90%
(W x H x D)	1RU: 483mm x 44.5mm x 450mm, 19'' x 1.73'' (1RU) x 17.7'' 2RU: 483mm x 89mm x 450mm, 19'' x 3.5'' (2RU) x 17.7''

(UMT LLC)

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