

DVB-S/S2



DVB-S/S2 –

UMT LLC

DVB UMT LLC

DVB-S/S2

Ethernet

VCC

UMT

F N SMA

This type of regenerator supports the DVB-S/S2 standard. DVB-S/S2 Regenerator is controlled by our own developed VCC software by Ethernet. DVB-S/S2 Regenerator can be produced with N-, F- or SMA-type of input / output connectors by order.

KEY FEATURES:

- can be produced from 1 to 32 independent regeneration channels;
- high stable hardware;
- fast and high reliable control software;
- remote control by Ethernet.

MAIN FUNCTIONS:

- if power is lost all saved settings are recovered in the device after restoration of supply;
- integrated over-voltage protection;
- integrated over-load protection;
- integrated short-circuit protection.

[Video instructions about DVB-S-S2 Regenerator watch here Youtube](#) Image not found or type unknown



	-65 ... -25 dBm
RF (DVB-S/SS) MHz-2150 MHz	1 kHz
RF N (F SMA)	
	<p>1 ... 45 MSymb/s (QPSK);</p> <p>1 ... 45 MSymb/s (8PSK);</p> <p>1 ... 38.7 MSymb/s (16PSK, 1 channel mode),</p> <p>1 ... 43 MSymb/s (16PSK, 1 channel mode, by request);</p> <p>1 ... 31 MSymb/s (32PSK, 1 channel mode),</p> <p>1 ... 34.5 MSymb/s (32PSK, 1 channel mode, by request);</p> <p>1 KSymb/s</p>
RF	
RF (50)	80-100 dB μ V
RF N (F SMA)	
	10 MHz
RF (DVB-S/SS) 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
	<p>1 ... 45 MSymb/s (QPSK);</p> <p>1 ... 45 MSymb/s (8PSK);</p> <p>1 ... 38.7 MSymb/s (16PSK, 1 channel mode),</p> <p>1 ... 43 MSymb/s (16PSK, 1 channel mode, by request);</p> <p>1 ... 31 MSymb/s (32PSK, 1 channel mode),</p> <p>1 ... 34.5 MSymb/s (32PSK, 1 channel mode, by request);</p> <p>1 KSymb/s</p>
	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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