

DVB-S/S2

-V.2.1



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v.2.1

(QPSK

This type of modulator supports the DVB-S/S2 standard. DVB-S-S2 Modulator is controlled by our own developed VCC software by Ethernet. DVB-S/S2 Modulator has input BNC connector and can be produced with N-, F- or SMA-type of output connectors by order. The DVB-S-S2 Modulator is professional device and it is usually used by TV operators for modulation up to 32APSK.

KEY FEATURES:

- supports symbol rate up to 45 Msymb/s
- output frequency range of 950-2150 MHz
- supports constellations of QPSK, 8PSK, 16APSK, 32APSK
- has high modulation error rate (MER)
- has output level up to 115 dB μ V
- can be produced from 1 to 32 independent modulation channels
- optionally has 10 MHz reference and DC injection

MAIN FUNCTIONS:

- remote control by Ethernet
- if power is lost all saved settings are recovered in the device after restoration of supply
- integrated over-voltage protection (by power supplying)
- integrated over-load protection (by power supplying)
- integrated short-circuit protection (by power supplying)

[Video instructions about DVB-S/S2 Modulator v.2.1 watch here](#) **Youtube** Image not found or type unknown

	ASI, BNC-type
	150/s ()
RF:	
RF (50)	80-100 dB μ V
	RF output N-type (F or SMA as option)
	DC 10 MHz
DVB-S	
	QPSK
	(MER)dB
FEC	1/2 , 2/3 , 3/4 , 5/6 , 7/8
	1–45 MSymbol/s
DVB-S2:	
	QPSK / 8PSK / 16APSK / 32APSK
	(MER)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

	90%, non-condensing
(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"

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