

SM-TWIN 8000 / SM-TWIN-ST 8000 SM-TWIN-W 8000

Twin modulator with VSB outputs, that allows adjacent channel operation. A programmable output channel means that the modulator can easily be inserted into the headend since it operates in any TV channel (BI,BIII, "S" Bands and UHF). The stereo model includes STERO/DUAL signals processing.

APPLICATION

Analogue satellite TV community installations, where locally produced channels insertion is needed.

CHARACTERISTICS

- It offers the possibility of fine tuning the output channel frequency to disperse intermodulation products in installations with many channels.
- RF output signal ON/OFF switchable for analysis and headend adjustment.
- Incorporates black video generator.



Power supply voltage	V	5	12	17	30		
Model		Mono Stereo	Mono Stereo	Mono Stereo	Mono Stereo		
Current drawn	mA	570	590	330	350	0	2
Total power	W	6,9(Mono) – 7,2(Stereo)					
Operating temperature range		0÷45 °C					

MODEL	SM-TWIN 8000	SM-TWIN-ST 8000	SM-TWIN-W 8000
Reference	19802	19803	19807
Output connectors	F(f)		
Audio/video input connector	MINI DIN 5 ways		
Audio Pre-emphasis	µs	50	
Video input level (75 ohm)	Vpp	1	
Audio input level (10 Kohm)	Vpp	1	
Output channels VSB	MHz	47 to 862 (2 adjacent channels)	
Channels bandwidth		7/8 (programmable)	8
Output level	dBµV	86 with 15 dB regulation	
Spurious in channel	dBc	60	
Spurious in band	dBc	56	
C/N ratio (8 modules)	dB	In channel: 56 In band for min. output level: 63	
Carrier accuracy	KHz	±30	
Carrier stability	KHz	±10	
Output frequency resolution	KHz	125	
Video modulation depth	%	85	
Vc / Ac ratio	dB	15	
Programming	UCF 300 / PC (with MCU / LPU 8000)		
TV Standard	PAL B/G		SECAM L, SECAM D/K, PAL I, PAL D/K
Vc / Ac separation	MHz	5,5	PAL (I:6,0., D/K:6,5) / SECAM (L:6,5, D/K:6,5)
Audio output modes	Mono	Stereo / Dual switchable (A/B - B/A)	
Packing dimensions	mm	265 x 195 x 40	
Weight	Kg	1,0	