



FRACARRO

SIG9506 - SIG9506S

Compact headend with 6 QPSK receivers

Compact headend with full-band modulator for the reception and distribution of 6 free-to-air digital satellite programs. Mono (SIG9506) and stereo (SIG9506S) versions are available.



- ▶ Easy to install, included in one box:
 - Power supply
 - 6 QPSK receivers
 - 6 A/V full-band DSB modulators, wideband (174–466MHz + 470–862MHz)
 - Combiner with existing TV signal mixing, can mix 6 RF channels
 - Final amplifier 100dBμV per channel
- ▶ DSB full-band modulator to remodulate programs into VHF or UHF band (S band included)
- ▶ Each single receiver can generate 14 or 18V, tone 22KHz and DiSEqC 1.0, suitable to feed an LNB or to control a multiswitch
- ▶ Software available to set headend using PC
- ▶ Possibility to upgrade the firmware's receivers on site via PC
- ▶ 6 A/V outputs on RCA connectors for connections to external modulators
- ▶ Heat dissipation by natural convention, no fans required

Item Code		SIG9506 283126	SIG9506S 283127
SAT Inputs	Input frequency	950-2150MHz	
	Input level	45-80dBμV	
	Impedance	75 Ohm	
	Loop-through insertion loss	-4 to +4dB	
	Max no.of modules possible to loop-through	Depends on the frequency and the level of the input signal	
	DiSEqC	1.0 4 positions 0/14/18V 0/22KHz	
QPSK Demodulation	AFC	-2.5 to +2.5MHz	
	Symbol rate	2-35Msymb/sec (compatible SCPC/MCPC)	
	FEC	Auto	
MPEG Specification	Video decoder	MPEG-2 Main profile, Main level (MP @ ML)	
	Audio decoder	MPEG-2 Layer I and Layer II	
	Colour Standard	PAL-SECAM-NTSC	PAL B/G
	Video Format	4:3, 16:9, pan scan, letter box	
	Audio Format	Mono language1, language2	Stereo, dual sound, mono, auto
A/V outputs	Video type	composite	
	Video output level/impedance	1Vpp - 75 Ohm	
	Max audio level/impedance	600mVrms - 600 Ohm	
	Band frequency	20-15000Hz	
RF outputs	Modulator type	Double side band (DSB)	
	Standard	PAL (B/G ,D/K, I ,N ,H, SECAM L, NTSC M)	PAL B/G
	Output Frequency	VHF: 174-446MHz (E5-S38) UHF: 470-862MHz (E21-E69)	
	Level of output per channel	100dBμV	
	Output level adjustment	10dB (independent for every channel)	
	TV mixing input	47-862MHz	
	TV mixing insertion loss	≤ 2dB	
General features	Input connectors	2 x F connectors (input + loop-through) for every channel	
	Output connectors	2 F connectors (output and mix input)	
	A/V output connectors	1 x RCA (cinch) connector for every channel	
	Impedance	75 Ohm	
	Mains voltage	220-240Vac, 50-60Hz	
	Power consumption	63W	70W
	LNB power supply	max 400mA@14V	
	EMC	EN50083-2, EN60065	
	Dimensions	370x240x150mm	
	Operating temperature	-10 to +45°C	

Also for SIG9506 headends, Fracarro has extended its warranty to 4 years. Valid only in the EU. For further information visit our web site: www.fracarro.com

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