

CHANNEL PROCESSOR PC-526

CHARACTERISTICS

- Channel processor / converter
- Ultra high selectivity
- Automatic gain control (AGC)
- High frequency stability
- Programmable input and output (by channel or frequency)
- Broadband amplification option
- PS-011 remote programmer
- 19" rack adapted

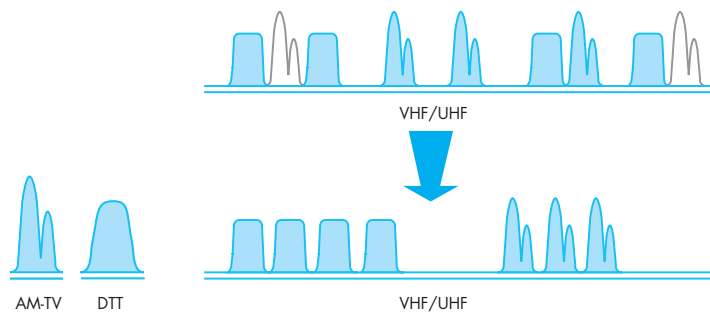


CHANNEL PROCESSORS

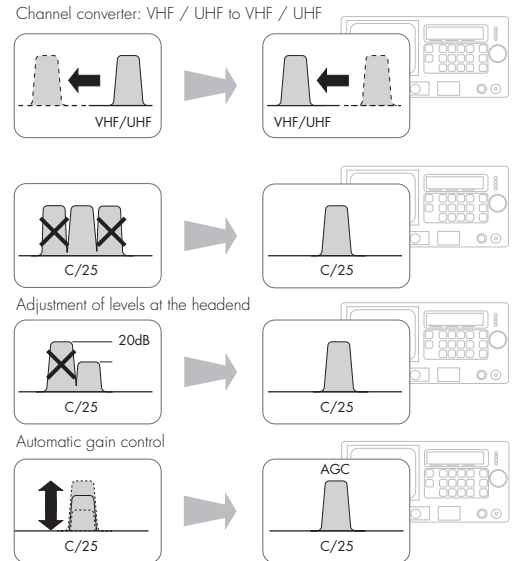
The channel processor selects a digital or analogue channel and filters it avoiding the adjacent channels.

The filtering is done by means of an input tracking filter, together with ultra high selectivity SAW filters.

The channel processors could also be used as channel converters.



Features of the channel processor



CODE		9050174	
MODEL		PC-526	
TV System		AM-TV / DVBT-T2 / ATSC / ISDB-T DTMB / DVBC	
Input / output frequency range	MHz	44-862	
Bandwidth	MHz	7/8	
Frequency step I/O	MHz	0.125	
I/O Offset	MHz	0, ±1/6, ±1/8, ±2/8, ±3/8, ±4/8	
Input level	max.	90 AM-TV 80 DTT (20dB)*	
	min.	50 AM-TV 40 DTT	
Output level	dBµV	83 ±3,0	
Output level adjustment	dB	25	
Automatic gain control	dB	>40	
Selectivity (Nominal bandwidth 7 MHz:)	dB	Bandwidth 3 dB	6.7 MHz
		Bandwidth 6 dB	7.0 MHz
		Bandwidth 30 dB	8.0 MHz
		Bandwidth 60 dB	8.5 MHz
Selectivity (Nominal bandwidth 8 MHz:)	dB	Bandwidth 3 dB	7.7 MHz
		Bandwidth 6 dB	8.0 MHz
		Bandwidth 30 dB	8.9 MHz
		Bandwidth 60 dB	9.4 MHz

CODE		9050174			
MODEL		PC-526			
MER (DVB-T)	dB	38			
Channel flatness response	dB	±1,0			
Frequency stability	KHz	±20			
Input through loss	dB	0 ± 0.5			
Output through loss	dB	0.8 ± 0.2			
Noise figure	dB	6 ± 0.5			
Spurious in band	dB	<58			
Return loss	dB	>14			
DC path	V _{cc}	24			
	mA	60			
Power	V _{cc}	3.3	5.2	12.0	24.0
	mA	370	310	170	0 + Preamp.
Operating temperature	°C	-10..+65			
Protection index		IP 20C			

*Difference in levels with regard to adjacent channels.
Programmable with PS-011

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