K Series

Agile channel processor

New

KCPN

Fully agile RF channel processor to process and convert terrestrial digital and analogue channels. Due to the high selectivity, it can also be used as a filter.
AGC (automatic gain control) facility to maintain a constant output level regardless of the fluctuation of the input signal.

- Dual conversion technology and dual SAW filter to distribuite adjacent channels and avoid spurious signals in the band
- Single product to convert a channel within 47-862MHz
- Perfect management when conversion of either adjacent digital or strongly unequalised channels is required
- Wide dynamic input range to guarantee good reception of programs even when signals are weak
- Mixing output to combine the output signal from other K Series modules with very low insertion loss (<1dB in the whole RF band)

Dimensions
40x200x155mm

Item Code			KCPN 282618
TV Standard	Digital		DVB-T – DVB-C
	Analogue		PAL B/G/I/L/D/K
Input frequency		MHz	47-862
Bandwidth		MHz	7–8
Input level	Digital	dBµV	45–80
	Analogue		55–90
Loop-through input gain		dB	1
Input step tuning		KHz	125
Output frequency		MHz	47–862
Max. output level	Digital	dBµV	85
	Analogue	dBµV	92
Output level adjustment		dB	0–15
TV mixing input		MHz	5–862
TV mixing insertion loss		dB	<1
Noise figure		dB	5
Phase noise		dBc/KHz	-85@10
Power supply		VDC	12
Consumption		mA	Max. 500
Connectors		Type	F female
Operating temperature		°C	-10 to +55
Compliant			EN50083-2:2008-03