

Converters

LNB Series



DESCRIPTION
 Universal low noise block converters for any commercial TV SAT application.
 Suitable for any offset satellite dish.
 Include a built-in feed-horn. Very low noise figure.

TECHNICAL SPECIFICATIONS

MODEL		LNB 201 Universal	LNB 204 Quattro			
Reference		86129	86131			
Number of inputs		1	4			
Polarity		V _{LB} , H _{LB} , V _{HB} , H _{HB}	V _{LB}	H _{LB}	V _{HB}	H _{HB}
Input frequency	GHz	Low band 10,7 ÷ 11,7 High band 11,7 ÷ 12,75				
Oscillator frequency	GHz	Low band 9,75 ± 2 MHz High band 10,60 ± 2 MHz				
Output frequency range	MHz	Low band 950 ÷ 1950 High band 1100 ÷ 2150				
Noise figure at 20°C	dB	0,9				
Conversion gain	dB	50 ÷ 65 (typical 58)				
Output level (1 dB of compression)	dBm	>0				
Power supply	V	11,5 ÷ 14 (V); 16 ÷ 19 (H)		11,5 ÷ 19		
22 KHz tone		0,6 Vpp ± 0,2 for High band		—		
Consumption	mA	<200		<300		
Output connectors		F (f)				
Operating temperature range		– 25 ÷ + 60				
Packing dimensions		150 x 113 x 75				
Weight		0,48				