LNB Series

Universal low noise block converters suitable for any offset satellite dish.

CHARACTERISTICS

- Stand out for their low noise figure and high gain which together with Offset type satellite dishes make it possible to obtain merit factors ideal for collective installations.
- Big Cross Polarity Rejection: 25 dB.

MODEL		LNB 201 Universel	LNB 222 TWIN	LNB 244 QUAD	LNB 248 Octo
Reference		86129	86132	86134	86138
Number of outputs		1	2	4	8
Polarity		VL, HL, VH, HH			
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 20º C	dB	0,2			
Cross polarity rejection	dB	25			25
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		215
Output connectors		F (f)			
Operating temperature range	ºC	– 25 ÷ + 60			
Packing dimensions	mm	85 x 110 x 60	100 x 125 x 60	120 x 125 x 65	90 x 110 x 130
Weight	Kg	0,110	0,190	0,235	0,315

MODEL		LNB 181 Monoblock Single	LNB 182 Monoblock TWIN	LNB 184 Monoblock QUAD	LNB 204 Quattro			
Reference		86135	86136	86137	86131			
Number of outputs		1	2	4				
Polarity		VL, HL, VH, HH Astra - Hotbird separate 6º			VL	HL	VH	HH
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 20º C	dB	0,2						
Cross polarity rejection	dB	25			—			
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						
Output connectors		F (f)						
Operating temperature range	ºC	– 25 ÷ + 60						
Packing dimensions	mm	110 x 90 x 130	110 x 120 x 130	110 x 120 x 130	110 x 125 x 60			
Weight	Kg	0,315	0,555	0,570	0,235			