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# LNBS

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**LNB 11P · LNB 21P · LNB 40P**

**Ltè2**

- √ PLL LNBS
- √ Single (1 OUT), twin models
- √ (2 OUTS) and QUAD
- √ (4 OUTS).
- √ Gain 55dB (typ)
- √ For individual installations with 1, 2 and 4 users



**LNB 11P**



**LNB 21P**



**LNB 40P**



## TECHNICAL INFORMATION

REFERENCE		LNB 11P	LNB 21P	LNB 40P
Code		022028	022029	022030
Type		Single	Twin	Quad
Input frequency	GHz	10,7 - 11,7 / 11,7 - 12,75	10,7 - 11,7 / 11,7 - 12,75	10,7 - 11,7 / 11,7 - 12,75
PLL oscillator				
O.L1 frequency	GHz	9,75 (0KHz)	9,75 (0KHz)	9,75 (0KHz)
O.L2 frequency	GHz	10,6 (22KHz)	10,6 (22KHz)	10,6 (22KHz)
O.L. stability	MHz	±2 dB (-30...+70°C)	±2 dB (-30...+70°C)	±2 dB (-30...+70°C)
B1 output frequency	MHz	950 - 1950	950 - 1950	950 - 1950
B2 output frequency	MHz	1100 - 2150	1100 - 2150	1100 - 2150
Gain	dB	55 Typ.	55 Typ.	55 Typ.
Noise factor	dB	0,3	0,3	0,3
Phase noise	dBc/Hz	-50 (10 KHz) -75 (100 KHz)	-50 (10 KHz) -75 (100 KHz)	-50 (10 KHz) -75 (100 KHz)
Feeding / Polar. Control	Vdc	10,5-14 (V) 16-20 (H)	10,5-14 (V) 16-20 (H)	10,5-14 (V) 16-20 (H)
Consumption	mA	80	140	210
Polarity rejection	dB	25 Typ	25 Typ	25 Typ
Working temperature	°C	-30...+60	-30...+60	-30...+60