

LNB'S

LNB 11 / LNB 21

LTE filter / 4G incorporated

REFERENCE		LNB 11	LNB 21
Code		022012	022013
Type		Single	Twin
Input frequency	GHz	10,7 - 11,7 / 11,7 - 12,75	10,7 - 11,7 / 11,7 - 12,75
Oscillator		PLL	PLL
O.L.1 frequency	GHz	9,75 (0KHz)	9,75 (0KHz)
O.L.2 frequency	GHz	10,6 (22KHz)	10,6 (22KHz)
O.L. stability	MHz	±2 dB (-30...+70°C)	±2 dB (-30...+70°C)
B1 output frequency	MHz	950 - 1950	950 - 1950
B2 output frequency	MHz	1100 - 2150	1100 - 2150
Gain	dB	55 Typ.	55 Typ.
Noise factor	dB	0,3	0,3
Phase noise	dBc/ Hz	-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)
Consumption	mA	80	140
Polarity rejection	dB	25 Typ	25 Typ
Working temperature	°C	-30...+60	-30...+60



LNB 11



LNB 21