



TYPE: SINGLE
P.C.: 0400401



TYPE: TWIN
P.C.: 0400402



TYPE: QUAD
P.C.: 0400403

Technical specifications PREMIUM LNB series



Reference	PREMIUM SINGLE	PREMIUM TWIN	PREMIUM QUAD
Code	0400401	0400402	0400403
LNC type	SINGLE	TWIN	QUAD
Input frequencies	Low Band: 10.7~11.7 GHz High Band: 11.7~12.75 GHz	Low Band: 10.7~11.7 GHz High Band: 11.7~12.75 GHz	Low Band: 10.7~11.7 GHz High Band: 11.7~12.75 GHz
Number of outputs	1	2	4
Output frequencies	Low Band: 950~1950 MHz High Band: 1100~2150 MHz	Low Band: 950~1950 MHz High Band: 1100~2150 MHz	Low Band: 950~1950 MHz High Band: 1100~2150 MHz
Local oscillators	Low Band: 9.75 GHz High Band: 10.60 GHz	Low Band: 9.75 GHz High Band: 10.60 GHz	Low Band: 9.75 GHz High Band: 10.60 GHz
Output impedance	75 Ω	75 Ω	75 Ω
Conversion gain	60 - 70 dB	60 - 70 dB	60 - 70 dB
Noise figure	0.1 dB max.	0.1 dB max.	0.1 dB max.
Voltage supply and control signals	11.5 ~ 14.0 VDC Vertical Polarization 16.0 ~ 19.0 VDC Horizontal Polarization 22 $\pm$ 4 KHz Band switching	11.5 ~ 14.0 VDC Vertical Polarization 16.0 ~ 19.0 VDC Horizontal Polarization 22 $\pm$ 4 KHz Band switching	11.5 ~ 14.0 VDC Vertical Polarization 16.0 ~ 19.0 VDC Horizontal Polarization 22 $\pm$ 4 KHz Band switching
Current consumption	75 mA (Typical)	120 mA (Typical)	190 $\pm$ 10 mA (Typical)
Community against UMTS/ GSM/DECT interferers @~1,800 MHz	40 dB min	40 dB min	40 dB min



TYPE: HQ QUATTRO
P.C.: 0400404



TYPE: HQ OCTO
P.C.: 0400405

Technical specifications PREMIUM LNB series



Reference	PREMIUM QUATTRO	PREMIUM OCTO
Code	0400404	0400405
LNC type	QUATTRO	OCTO
Input frequencies	Low Band: 10.7~11.7 GHz High Band: 11.7~12.75 GHz	Low Band: 10.7~11.7 GHz High Band: 11.7~12.75 GHz
Number of outputs	4 (1VL, 1HL, 1VH, 1HH)	8
Output frequencies	Low Band: 950~1950 MHz High Band: 1100~2150 MHz	Low Band: 950~1950 MHz High Band: 1100~2150 MHz
Local oscillators	Low Band: 9.75 GHz High Band: 10.60 GHz	Low Band: 9.75 GHz High Band: 10.60 GHz
Output impedance	75 Ω	75 Ω
Conversion gain	60 - 70 dB	60 - 70 dB
Noise figure	0.1 dB max.	0.1 dB max.
Voltage supply and control signals	11.5 ~ 20.0 VDC	11.5 ~ 14.0 VDC Vertical Polarization 16.0 ~ 19.0 VDC Horizontal Polarization 22 $\pm$ 4 KHz Band switching
Current consumption	200 $\pm$ 10 mA (Typical)	220 $\pm$ 10 mA (Typical)
Community against UMTS/ GSM/DECT interferers @~1,800 MHz	40 dB min	40 dB min

