



TYPE: 6° MONOBLOCK SINGLE



TYPE: 6° MONOBLOCK TWIN



TYPE: 6° MONOBLOCK QUAD



Technical specifications PREMIUM Monoblock 6° LNB series



Reference	PREMIUM Monoblock 6° Single	PREMIUM Monoblock 6° Twin	PREMIUM Monoblock 6° Quad
Code	0400461	0400462	0400463
LNC type	6° Monoblock SINGLE	6° Monoblock TWIN	6° Monoblock QUAD
Typical satellites	A: 19.2° E Astra / B: Hotbird 13° E		
Input frequency	Low Band: 10.7 ~ 11.7 GHz / High Band: 11.7 ~ 12.75 GHz		
Outputs number	1	2	4
Output frequency	Low Band: 950~1950 MHz / High Band: 1100~2150 MHz		
L.O. frequency	Low Band: 9.75 GHz / High Band: 10.60 GHz		
L.O. Temperature drift	±1 MHz Initial Accuracy (@25 °C) / ±3 MHz -30°C ~ +60°C		
L.O. Phase noise	-60 dBc/Hz@1KHz Offset at High-Band / -80 dBc/Hz@10KHz Offset at High-Band / -100 dBc/Hz@100KHz Offset at High-Band		
Noise figure	< 0,2 dB		
Conversion gain	50 ~ 65 dB		
Gain flatness characteristics	5±0.5 dBpp (Over Operating Band)		
1dB output gain compression	0 dBm		
L.O. spurious	-45 dBc		
Image rejection	40 dB (Min.)		
Output VSWR	2.0:1		
Cross polarization	20 ~ 25 dB		
Voltage supply and control signals	10.5 ~ 14.5 V Vertical Polarization / 15.5 ~ 21.0 V Horizontal Polarization 22 ±4 KHz Band switching		
Current consumption	120 mA (Typical)	210 mA (Typical)	210 mA (Typical)
Load impedance	75 Ω		
Reflector type	80 cm Offset dish		
Feedhorn mounting	40 mm (Standard size)	23 mm (with clasp 40 mm)	23 mm (with clasp 40 mm)
Operation temperature	-40°C ~ +60°C		
Output connectors	F type		
Color	Black RAL 9004		
Community against UMTS/ GSM/DECT interferers @~1,800 MHz	40 dB min		

