

IV3116 - IV3208 Universal HGLN 40mm LNB Black Ultra



IV3116 - Single HGLN 40mm LNB



IV3208 - Twin HGLN 40mm LNB

Main Features

- Superior Phase Noise performance, DVB-S2 (HDTV) compliant
- Excellent Cross Polarization Isolation
- Very Low Spurious Levels
- Superior Noise Figure
- Higher Conversion Gain
- Ultimate Reliability

SPECIFICATION	IV3116	IV3208
Low band input frequency range	10.7 GHz ~ 11.7 GHz	
Low band output frequency range	950 MHz ~ 1950 MHz	
Low band LO frequency	9.75 GHz	
High band input frequency range	11.7 GHz ~ 12.75 GHz	
High band output frequency range	1100 ~ 2150 MHz	
High band LO frequency	10.6 GHz	
Noise figure	0.2 dB typ. (0.7 dB Max.)	
LO temperature drift	± 3.0 MHz max.	
LO accuracy @ 25 °C	± 1.0 MHz max.	
LO phase noise @ 10 kHz	-90 dBc/Hz	
Conversion gain	60 dB min.	
Gain ripple (over 26 MHz bandwidth)	± 0.75 dB	
Gain variation (over full band)	± 4 dB max.	
Image rejection	40 dB min.	
1 dB compression point (@ output)	0.0 dBm min.	
Cross talk	22 dB min.	
Control signal Ca (V)	11.0 V ~ 14.0 V	
Control signal Cb (H)	16.0 V ~ 20.0 V	
Control signal Cc (band switching)	22 kHz ± 4 kHz, 0.4V – 0.8V pp	22 kHz ± 4 kHz
Output VSWR	2.0 : 1	
In band spurious level	-50 dBm max.	-60 dBm max.
Current consumption	120 mA max. (11 VDC ~ 20 VDC)	180 mA max. (11 VDC ~ 20 VDC)
Operating temperature	-30 °C ~ +60 °C	
Output impedance	75 Ω (F-type)	
Output connector type	F-Type (female)	
Weight	151 g	181 g