

Universal dCSS LNB – Mμ



global invacom
completing the picture

- ✓ Operator Quality & Performance
- ✓ Ultra-Small Size
- ✓ 32 User Bands in Static & Hybrid mode
- ✓ 24 User Bands in Dynamic mode
- ✓ Field Reprogrammable
- ✓ AGC, offering Flat Gain or Slope Compensation
- ✓ Very Low Power



General Specification:

I/P Frequency	10.7-11.7 GHz (Low Band) 11.7-12.75 GHz (High Band)
O/P Frequency	950-2150 MHz
LO Frequency	10.40 GHz
LO Temperature stability	± 0.1 MHz (-40 °C to +60°C)
Noise Figure	0.5 dB (typ @ 25C)
UB channel frequencies	Configurable
UB channel bandwidth	20-80MHz configurable
UB channels available	Up to 24 dynamic (32 static)
In-band spurious	< -35dBc
Gain Flatness	±0.1dB / 46MHz UB
Output power level	-40 dBm typ
Cross Polar Isolation (Linear H&V)	21dB (min)
Image Rejection	40 dB (min)
Phase Noise (3KHz – 15MHz)	< 1.0°rms
Output VSWR	2.0 : 1
In band spurious	-35 dB max
Current Consumption (fully loaded 24 UB)	325mA max @11.5V / 225mA max @18V
DC power supply voltage	10.0V to 21.0V
Control format	DiSEqC 1.0/2.0 (EN50494/EN50607)
Operating Temperature/Range	-40°C ~ +60°C
Weight/dimensions	190g / 105 x 100 x 63 mm
f/D	0.6