

LNB IDLB-OCTL40



INVERTO PRO OCTO (8 OUT) 40mm LNB

Manufacturer: [INVERTO](#)

Description

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Main Features:

|   |                           |
|---|---------------------------|
| • Low Phase Noise, DVB-S2 (HDTV) compliant  |                           |
| • Low Noise Figure (0.2 dB)                 |                           |
| • Low Power Consumption                     |                           |
| • Very high Cross Polarization Isolation    |                           |
| • Very high Frequency Stability             |                           |
| Low Band Input Frequency Range              | 10.7 ~ 11.7 GHz           |
| Low Band Output Frequency Range             | 950 ~ 1950 MHz            |
| Low Band LO Frequency                       | 9.75 GHz                  |
| High Band Input Frequency Range             | 11.7 ~ 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 Initial Accuracy                         | +/- 1.0 MHz Max.          |
| LO Temperature Drift                        | +/- 3.0 MHz Max.          |
| Phase Noise (@ 10 kHz)                      | - 90 dBc / Hz Max.        |
| Conversion Gain                             | 55 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 Polarization Isolation                | 22 dB Min.                |
| Control Signal Ca (Vertical Polarization)   | 10.0 ~ 14.0 V             |
| Control Signal Cb (Horizontal polarization) | 16.0 ~ 20.0 V             |

|                                    |                         |
|------------------------------------|-------------------------|
| Control Signal Cc (Band Switching) | 22 +/- 4 kHz            |
| Output VSWR                        | 2.5 : 1                 |
| In-Band Spurious                   | - 60 dBm Max.           |
| Current Consumption                | 210 mA Max. @ 11 ~ 20 V |
| Operating Temperature              | - 30 °C ~ + 60 °C       |
| Output Impedance                   | 75 Ω                    |
| Output Connector                   | F-Type (Female)         |
| Weight                             | 256 g                   |