# GT-dLNB1T

## dCSS LNB (24UB) with terrestrial input.
## LTE immunity and static mode.

MULTISWITCH dCSS dHELLO LTE IMMUNITY

16, RUE MILLEWEE L-7257 HELMSANGE, WALFERDANGE, LUXEMBOURG
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## TECHNICAL SPECIFICATIONS

| | |
|---|---|
| Input Frequency (sat) | 10.7 ~ 12.75 GHz |
| Output Frequency | 950 ~ 2150 MHz |
| LO. Frequency | 10.4 GHz |
| Number of User Bands | 24 |
| Working Mode | Dynamic and Static |
| Programmability | YES |
| Programmed User Bands Frequency | 975, 1025, 1075, 1125, 1175, 1225, 1275, 1325, 1375, 1425, 1475, 1525, 1575, 1625, 1675, 1725, 1775, 1825, 1875, 1925, 1975, 2025, 2075, 2125 MHz |
| User Band Bandwidth | up to 82 MHz (programmable with 0.1 MHz accuracy) |
| LO. Stability | +/- 1 MHz at room temperature<br>+/- 3 MHz over room temperature |
| Noise Figure | 0.1dB (Typ.) |
| Gain | 42 ~ 62 dB (programmable with 1dB step) |
| Gain Flatness | +/- 0.2dB at 26 MHz over temperature |
| Gain Variation | 1dB over temp. (by programming) |
| Cross-Pol. Isolation | >22dB over room temp |
| Image Rejection | >40dB over room temp. |
| IM3 Suppression | >60dBc at IF signal power |
| LO Frequent Phase Noise | Integration Phase Noise<br>< 2.5 degree RMS<br>at 10khz ~ 13MHz |
| Control Signal | EN50494, EN50607, dHello |
| Communication | DiSEqC 2.0 |
| Operating Temperature Range | -40°C ~ +65°C |
| Power Supply Voltage | 10 - 20V |
| Power Consumption | 4.70W |
| Feed Length | 42 mm |

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