dCSS
dLNB
dHELLO

GT-SAT dLNB programmable line

IMMUNITY STATIC MODE	GT-dLNB1T Programmable L Shape	GT-dLNB2T Programmable L Shape
Input Frequency	10.7 ~ 12.75 GHz	10.7 ~ 12.75 GHz
Output Frequency	950 ~ 2150 MHz	950 ~ 2150 MHz
LO Frequency	10.4 GHz	10.41 GHz
Number of User Bands	24	32
Working Mode	Dynamic and Static	Dynamic and Static
Programmability	YES	YES
Preprogrammed 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	980, 1028, 1064, 1100, 1136, 1172, 1208, 1244, 1280, 1316, 1352, 1388, 1424, 1460, 1496, 1532, 1568, 1604, 1640, 1676, 1712, 1748, 1784, 1820, 1856, 1892, 1928, 1964, 2000, 2036, 2072, 2120 MHz
User Band Bandwidth	up to 82 MHZ (programmable with 0.1MHz accuracy)	up to 80 MHz (programmable with 0.1MHz accuracy)
LO Stability	+/- 1 MHz @ room temp. +/- 3 MHz @ over temp.	+/- 0.25 MHz @ room temp. +/- 0.5 MHz @ room temp.
Noise Figure	0.1dB (Typ.)	0.1dB (Typ.)
Gain	42 ~ 62 dB (Programmable with 1dB step)	54 ~ 62 dB (Programmable with 1dB step)
Gain Flatness	+/-0.2dB @ 26MHz over temp.	+/-0.2dB @ 26MHz over temp.
Gain Variation	1dB over temp. (by programming)	1dB over temp. (by programming)
Cross-Pol. Isolation	>25 dB over temp.	>25 dB over temp.
Image Rejection	>40 dB over temp.	>40 dB over temp.
IM3 suppression	>60 dBc @ IF signal power	>60 dBc @ IF signal power
LO Freq Phase Noise	Integration phase noise < 2.5 degree RMS @ 10 kHz ~ 13MHz	Integration phase noise < 2.5 degree RMS @ 10 kHz ~ 13MHz
Control Signal	EN50494, EN50607, dHello	EN50494, EN50607, dHello
Communication	DiSEqC 2.0	DiSEqC 2.0
Operating Temperature Range	-30°C ~ +65°C	-30°C ~ +65°C
Power Supply Voltage	10 - 20 V	10 - 19 V
Power Consumption	4.70W	4.0W
Feed Length	42mm	42mm