



GT-S1dCSS24

dLNB® Programmable Line

24 UB dCSS® LNB
with 1 SAT Legacy output.

dCSS®

dLNB®

dHELLO®



TECHNICAL SPECIFICATIONS



	PROGRAMMABLE L-SHAPE	LEGACY PORT
INPUT FREQUENCY	10.7 ~ 12.75 GHz	0.7 ~ 12.75 GHz
OUTPUT FREQUENCY	950 ~ 2150 MHz	950 ~ 2150 MHz
LO. FREQUENCY	9.75 & 10.6 GHz	9.75 & 10.6 GHz
NUMBER OF USER BANDS	24	-
WORKING MODE	Dynamic	-
PROGRAMMABILITY	YES	-
PREPROGRAMMED UB FREQUENCY (dCSS® PORT ONLY)	975, 1025, 1075, 1125, 1225, 1275, 1325, 1375, 1425, 1475, 1525, 1575, 1675, 1775, 1825, 1875, 1925, 1975, 2025, 2075, 2125 MHz	-
USER BAND (UB) BANDWIDTH	Up to 82 MHz (Programmable with 0.1 MHz accuracy)	+/- 0.5 MHz at room temperature +/- 1 MHz over room temperature
LO. STABILITY	+/- 0.5 MHz at room temp. +/- 1 MHz over room temp.	-
POLARITY SWITCHING VOLTAGE	-	10.5 ~ 14.0 Vdc, 16.0 ~ 21.0 Vdc
BAND SWITCHING SIGNAL	-	Low Band: 0 KHz High Band: 22 KHz +/- 4 KHz
NOISE FIGURE	0.1 dB (typical)	0.1 dB (typical)
GAIN	42 ~ 62 dB (Programmable with 1 dB step)	57 - 61 dB
GAIN FLATNESS	+/- 0.5 dB at 26 MHz over room temp.	+/- 0.5 at 26 MHz over room temp.
GAIN VARIATION	1 dB over room temp. (by programming)	4 dB over room temperature
CROSS-POL. ISOLATION	22 dB over room temperature	22 dB over room temperature
IMAGE REJECTION	> 40 dB over room temperature	> 40 dB over room temperature
IM3 SUPPRESSION	> 60 dB at IF signal power	> 50 dBc at IF signal power, -15 dBm over room temperature
LO. FREQUENCY PHASE NOISE	Integration P.N. < 2.5° RMS at 10 KHz ~ 13 MHz	< -60 dBc at 1KHz, < -85 dBc @10 KHz < -97 dBc at 100 KHz, < -120 dBc @1 MHz < -55 dBm over room temperature
IN-BAND SPURIOUS	-	-
CONTROL SIGNAL	EN50494, EN50607, dHello®	-
COMMUNICATION	DiSEqC 2.0	-
OPERATING SYSTEM TEMPERATURE	-30°C ~ +65°C	-30°C ~ +65°C
POWER SUPPLY VOLTAGE	10 - 20V	10 - 20V
POWER CONSUMPTION	4.5W (maximum)	140 mA (maximum)
FEED LENGTH	42 mm	42 mm

PACKAGING INFORMATION

EAN CODE	5453001615561
QUANTITY PER BOX	50 pcs
GROSS WEIGHT	13,6 kg
HEIGHT	31,3 cm
LENGTH	53 cm
WIDTH	32,3 cm