



GT-S3dCSS24

dLNB® Programmable Line

Digital Single Cable LNB dCSS® 24 UB with
3 SAT Legacy Output.



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dCSS®
dLNB®
dHELLO®



TECHNICAL SPECIFICATIONS



	PROGRAMMABLE L-SHAPE	LEGACY PORT
INPUT FREQUENCY	10.7 ~ 12.75 GHz	10.7 ~ 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 temperature +/- 1 MHz over room temperature	-
POLARITY SWITCHING VOLTAGE	-	10.5 ~ 14.0 Vdc, 16.0 ~ 21.0 Vdc
BAND SWITCHING SIGNAL	-	Low Band: 0 KHz
NOISE FIGURE	-	High Band: 22 KHz +/- 4 KHz
GAIN	0.1 dB (typical)	0.1 dB (typical)
GAIN FLATNESS	42 ~ 62 dB (Programmable with 1 dB step)	57 - 61 dB
GAIN VARIATION	+/- 0.5 dB at 26 MHz over room temp.	+/- 0.5 at 26 MHz over room temp.
CROSS-POL. ISOLATION	1 dB over room temp. (by programming)	4 dB over room temperature
IMAGE REJECTION	22 dB over room temperature	22 dB over room temperature
IM3 SUPPRESSION	> 40 dB over room temperature > 60 dB at IF signal power	> 40 dB over room temperature > 50 dBc at IF signal power
LO. FREQUENCY PHASE NOISE	- Integration P.N. < 2.5° RMS at 10 KHz ~ 13 MHz	-15 dBm over room temperature < -60 dBc at 1KHz, < -85 dBc at 10 KHz, < -97 dBc at 100 KHz, < -20 dBc at 1 MHz < -55 dBm over room temperature
IN-BAND SPURIOUS	-	-
CONTROL SIGNAL COMMUNICATION	EN50494, EN50607, dHello® 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	5453001615585
QUANTITY PER BOX	36 pcs
GROSS WEIGHT	14 kg
HEIGHT	31,3 cm
LENGTH	53 cm
WIDTH	32,3 cm