



## GT-S3dCSS24

dLNB<sup>®</sup> Programmable Line

Digital Single Cable LNB dCSS<sup>®</sup> 24 UB with  
3 SAT Legacy Output.



VIEW ONLINE

dCSS<sup>®</sup>  
dLNB<sup>®</sup>  
dHELLO<sup>®</sup>



## 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
IN-BAND SPURIOUS	-	< -55 dBm over room temperature
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