



## GT-S2dCSS24

dLNB<sup>®</sup> Programmable Line

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



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dCSS<sup>®</sup>

dLNB<sup>®</sup>

dHELLO<sup>®</sup>



### PROGRAMMABLE L-SHAPE

### LEGACY PORT

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

## PACKAGING INFORMATION

EAN CODE	<b>5453001615578</b>
QUANTITY PER BOX	<b>50 pcs</b>
GROSS WEIGHT	<b>13,8 kg</b>
HEIGHT	<b>31,3 cm</b>
LENGTH	<b>53 cm</b>
WIDTH	<b>32,3 cm</b>