

GT-S2dCSS24

dCSS LNB (24UB) with 2 legacy outputs.
- 2 Legacy output (second column in specs. sheet)
- dCSS port (first column in specs. sheet)
LTE Immunity and Dynamic mode only.

dMULTISWITCH dCSS dHELLO LTE IMMUNITY

16, RUE MILLEWEE L-7257 HELMSANGE, WALFERDANGE, LUXEMBOURG
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Input Frequency	10.7 ~ 12.75 GHz	10.7 ~ 12.75 GHz
Output Frequency	950 ~ 2150 MHz	950 ~ 2150 MHz
LO. Frequency	9.75 & 10.6GHz	9.75 & 10.6 GHz
Number of User Bands	24	/
Working Mode	Dynamic	/
Programmability	YES	/
Preprogrammed User Bands Frequency	975, 1025, 1075, 1125, 1225, 1275, 1325, 1375, 1425, 1475, 1525, 1575, 1675, 1775, 1825, 1875, 1925, 1975, 2025, 2075, 2125 MHz	/
User Band Bandwidth	up to 82 MHz (programmable with 0.1MHz accuracy)	/
LO. Stability	+/- 1 MHz at room temperature +/- 3 MHz over room temp.	+/- 1 MHz at room temperature +/- 3 MHz over room temp.
Polarity Switching Voltage	/	10.5 ~ 14.0 Vdc 16.0 ~ 21.0 Vdc
Band Switching Signal	/	Low Band : 0KHz High Band : 22 kHz +/- 4kHz
Noise Figure	0.1dB (Typ.)	0.1dB (Typ.)
Gain	42 ~ 62dB (programmable with 1dB step)	57 ~ 61 dB
Gain Flatness	+/- 0.5 dB at 26MHz over room temperature	+/- 0.5dB / 26 MHz over temp.
Gain Variation	1dB over temp. (by programming	4 dB over room temp.
Cross-Pol. Isolation	22 dB over room temp.	22 dB over room temp.
Image Rejection	>40dB over room temp.	>40 dB over room temp.
IM3 Suppression	>60dBc at IF signal power	>50 dBc at IF signal power -15 dBm over temp.
LO. Frequency Phase Noise	Integration Phase Noise < 2.5 degree RMS at 10kHz ~ 13 MHz	<- 60 dBc at 1KHz <- 85 dBc at 10kHz <- -100 dBc at 100 kHz <- 120 dBc at 1 MHz
In-Band Spurious		<- 55 dBm over temp.
Control Signal	EN50494, EN50607, dHello	/
Communication	DiSEqC 2.0	/
Operating Temperature Range	-30°C ~ +65°C	-30°C ~ +65°C
Power Supply Voltage	10 - 20 V	10 - 20 V
Power Consumption	5.20W (maximum)	90 mA (maximum)
Feed Length	42 mm	42 mm