

C30S Series Single Band Repeater



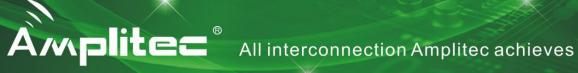
Product features:

- **OLED** display of system operating status such as frequency, gain, output power and isolation.
- ISO display and alarm function make installation and debugging easy.
- Able to increase signal coverage, decrease mobile phone radiation, and increase mobile phone battery lifespan.
- **ALC**, accurate auto level control ensures stable coverage.
- MGC, manual gain attenuation of system gain within 1-31dB range, with 1 dB step.
- Coverage up to 2000 m²
- **MTBF**: Up to 100,000 hours.

Model list:

MODEL	Frequency Range of Up link	Frequency Range of Down link
C30S-B5	824 ~ 849 MHz	869 ~ 894 MHz
C30S-B8	890 ~ 915 MHz	935 ~ 960 MHz
C30S-B3	1710 ~ 1785 MHz	1805 ~ 1880 MHz
C30S-B4	1710 ~ 1755 MHz	2110 ~ 2155 MHz
C30S-B2	1850 ~ 1910 MHz	1930 ~ 1990 MHz
C30S-B1	1920 ~ 1980 MHz	2110 ~ 2170 MHz
C30S-B7	2500 ~ 2570 MHz	2620 ~ 2690 MHz
C30S-B20	830 ~ 862 MHz	791 ~ 821 MHz
C30S-B28	708 ~ 748 MHz	763 ~ 803 MHz





Technical specification:

Item		Uplink	Downlink	
Output power		24±2 dBm	30±2 dBm	
Gain		75±2 dB	80±2 dB	
Ripple in band		≤6~15 dB	≤6~15 dB	
Spurious emission	9KHz~1GHz	≤-36 dBm	≤-36 dBm	
	1GHz~12.75GHz	≤-30 dBm	≤-30 dBm	
Gain Attentute Range		1~31 dB,step of 1 dB		
ALC control Range		≥ 25 dB	≥ 25 dB	
OLED Indication	Band	Band name & frequency		
	Gain	Uplink & downlink gain		
	Pout	Downlink output power		
	Work	Device work indication		
	ISO	Isolation status indication		
Automatically mute when there is no user		Available		
Self oscillation elimination & turn off function		Available		
Over input turn-off		Available		
EVM		Fully comply with 3GPP		
PCDE		Fully comply with 3GPP		
ACRR		Fully comply with 3GPP		
Noise figure		≤6 dB	≤6 dB	
Group delay		≤1.5 µs	≤1.5 µs	
I/O impedance		50Ω		
Power supply		DC: +27 V		
Power consumption		< 45 W		
RF connector		N-Female		
Operating temperature		-10℃ ~ +55℃		
Protection Grade		IP40		
Size		285*268*58mm		
Weight		<4.5kg		
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