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C33S Series Triple Band Repeater

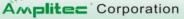


Product features:

- **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 5000 m^2
- **MTBF**: Up to 100,000 hours.

Model list:

MODEL	Frequency Range of Up link	Frequency Range of Down link
C33S-B1B3B8	880~915/1710~1785/1920~1980 MHz	925 ~ 960/1805~1880/2110~2170 MHz
C33S-B1B3B5	824~849/1710~1785/1920~1980 MHz	869~894/1805~1880/2110~2170 MHz
C33S-B2B4B5	824~849/1850~1910/1710~1755 MHz	869~894/1930~1990/2110~2155 MHz
C33S-B1B7B8	880~915/1920~1980/2500~2570 MHz	925~960/2110~2170/2620~2690 MHz
C33S-B3B7B8	880~915/1710~1785/2500~2570 MHz	925~960/1805~1880/2620~2690 MHz
C33S-B1B3B20	830~862/1710~1785/1920~1980 MHz	791~ 821/1805~1880/2110~2170 MHz
C33S-B3B7B20	830~862/1710~1785/2500~2570 MHz	791~ 821/1805~1880/2620~2690 MHz



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Technical specification:

Item		Uplink	Downlink	
Output power		24±2 dBm	33±2 dBm	
Gain		80±2 dB	85±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	
	Band	Band name & frequency		
	Gain	Uplink & downlink gain		
OLED Indication	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		≤8 dB	≤8 dB	
Group delay		≤1.5 µs	≤1.5 µs	
I/O impedance		50Ω		
Power supply		AC: 220 V		
Power consumption		< 120 W		
RF connector		N-Female		
Operating temperature		-10°C ~ +55℃		
Protection Grade		IP65		
Size		490*410*210mm		
Weight		<28kg		



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