



L33-B1B3B8 Wide Band Line Amplifier



Product Features:

- High linearity design, low noise, low interference to base station;
- Used for indoor distribution to achieve coverage expansion together with repeaters or BTS;
- MGC gain control function, the gain can be adjusted within 31dB step by 1dB;
- ALC automatic power control function to keep the signal stable;
- High quality aluminum case, good heat dissipation effect;
- Low power consumption, meet the standard of energy saving and environmental protection requirements;
- MTBF up to 100,000 hours.

Technical Specification:

Item		Uplink	Downlink
Frequency		880~915/1710~1785/1920 ~1980 MHz	925~960/1805~1880/2110~ 2170 MHz
Output power		0±3 dBm	33±3 dBm
Gain		40±2 dB	45±2 dB
Ripple in band	Band 1	≤6 dB	≤6 dB
	Band 3	≤8 dB	≤8 dB
	Band 8	≤10 dB	≤10 dB
VSWR		≤2	≤2
Max input power without damage		-10 dBm	10 dBm
EVM		Comply with 3GPP	
PCDE		Comply with 3GPP	
ACRR		Comply with 3GPP	
Spurious emission	9KHz~1GHz	≤-36 dBm	≤-36 dBm
	1GHz~12.75GHz	≤-30 dBm	≤-30 dBm
ATT (MGC) range		1~31dB attenuate range,1dB per step	
ALC control range		≥30dB	
Power LED indicator	Power on	Green	
	Power off	No light	
ALC (AGC) alarm LED indicator	ALC not active	—	green
	ALC active@ 5~25dB	—	orange
	ALC active >25dB	—	red
Noise figure		≤8 dB	
Time delay		≤1.5 μs	≤1.5 μs
Power Supply		100~264V, 50/63Hz AC 27V/5A DC	
RF connector		N-Female	
Protection grade		IP40	
Humidity		< 90%	
Operating temperature		-10°C ~ +55°C	
Size		330*268*96mm	
Weight		< 8 kg	