

Single Band Line Amplifier

L33L-W Series

33dBm Power, 40dB Gain

Features:

1. Compact size with stable performance.
2. Designed for indoor application.
3. Support antenna isolation detection.
4. MGC available for both uplink and downlink.
5. AGC to control output power at its maximum power level.
6. LCD realtime display to show the instant power and gain.
7. Smart function to set the proper gain automatically.
8. Cost-effective for practical solutions.

Appearance:



Specifications:

Parameters		Uplink	
Frequency Range	WCDMA (Band 1)	1920 ~ 1980MHz	
Operation Bandwidth (-3dB)			Wide Band
Maximum Gain	HY-L30L-W	≥40dB	
Output Power	HY-L30L-W	≥0dBm	
MGC (Manual Gain Control)			31dB range/1dB
AGC (Automatic Gain Control)			≅ 25dB
Spurious Emission	9KHz~1GHz		≅ -36dBm
	1GHz~12.75GHz		≅ -30dBm
Noise Figure			≤ 6dB
VSWR			≅ 2.0
Group Delay			≤ 1μs
LED Alarm	Power LED		DC ON/OFF
	Smart LED		Smart function ON
AGC Alarm			Alarm RED when AGC con
RF Connector			N-Female
Impedance			50Ω
Power Consumption			≤ 25W
Power Supply			Input: AC 110~240V; Output
Operating Temperature			-10℃~50℃
Environment Conditions			IP40
Dimensions (D x W x H)			310*170*65mm
Weight			≤ 5KG



Downlink
2110 ~ 2170MHz
$\geq 40\text{dB}$
$\geq 33\text{dBm}$
step
I/OFF
control over 10dB
Power: DC 28V/2.5A
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