

# Four Band Repeater TS-RP-LGDW-80-33 33dBm Power, 80dB Gain

## Features:

1. Compact size with stable performance.
2. Designed for indoor application.
3. MGC available for both uplink and downlink.
4. AGC to control output power at its maximum power level.
5. LCD display to show the instant gain and power.
6. Low interference & Oscillation prevention.
7. Cost-effective for practical solutions.

## Appearance:



## Specifications:

Parameters		Uplink	Downlink
Frequency Range	LTE700 (Band 28)	703 ~ 748MHz	758 ~ 803MHz
	LTE900 (Band 8)	880 ~ 915MHz	930 ~ 960MHz
	LTE1800 (Band 3)	1710 ~ 1785MHz	1805 ~ 1880MHz
	WCDMA/LTE (Band 1)	1920 ~ 1980MHz	2110 ~ 2170MHz
Operation Bandwidth (-3dB)		Wide Band	
Maximum Gain	TS-RP-LGDW-80-30	≥75dB	≥80dB
	TS-RP-LGDW-80-33	≥75dB	≥80dB
Output Power	TS-RP-LGDW-80-30	≥23dBm	≥30dBm
	TS-RP-LGDW-80-33	≥23dBm	Around 32dBm
MGC (Manual Gain Control)		31dB range/1dB step	
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/OFF	
AGC Alarm		Alarm RED when AGC control over 10dB	
RF Connector		N-Female	
Impedance		50Ω	
Power Consumption		120W	
Power Supply		Input: AC 110~240V	
Operating Temperature		-10°C~50°C	
Environment Conditions		IP55	
Dimensions (D x W x H)		460*338*165mmmm	
Weight		≤20KG	

Tone Spread reserves the right to change the specifications without notice

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**Tone Spread Technology Co., Ltd.**