

**SINGLE BAND REPEATER**  
**Rosenfelt RF Z10-RL Series**  
 700 MHz 4G/5G



Electrical specification		Uplink	Downlink
Frequency Range	5G 700	703 ~733 MHz	758 ~788 MHz
Max .Gain	RF ZE10-RL	60±3dB	65±3dB
Max .Output Power	RF ZE10-RL	10±2dBm	10±2dBm
Bandwidth	Wide Band		
MGC (Step Attenuation Via Touch Panel )	≥ 31dB / 1dB step		
Automatic Level Control	≥ 15dB, auto shut off after 15dB		
Spurious Emission	9KHz~1GHz	≤ -36dBm	
	1GHz~12.75GHz	≤ -30dBm	
Frequency stability	≤ 0.01ppm		
Error Vector Magnitude	≅ 12.5%		
Peak Code Domain Error	≅ -35dB@Spreading Factor 256		
Noise Figure	≤ 6dB		
VSWR	≤ 2.0		
Group Delay	≤ 1.0µs		
Frequency Stability	≤ 0.01ppm		
<b>Intelligent Functions</b>	<b>Standard</b>		
ISO(Donor antenna and Service antenna)	Flickering per 1s when the Isolation is not enough; it lights up when is normal.		
Smart Mode	Automatically adjust the gain in both links according to the specific environment.		
Input and Output signal strength	Shown Input signal strength with numeral number. Shown Output signal strength with signal bars.		
Remote Monitor	Use APP to monitor repeater via WIFI on mobile phone.		
<b>LED Alarm</b>	<b>Standard</b>		
Power LED	Power Indicator		
ALC LED	Orange @ ALC 1~5dB, Red @ ALC 15dB~20dB, LED off after 5 seconds red		
<b>Mechanical Specifications</b>			
I/O Port	N-Female		
Impedance	50 ohm		

Operating Temperature	-25°C~+55°C
Environment Conditions	IP40
Dimensions	210 x 150 x 45 mm
Weight	Around 2.5Kg
Power Supply	Input AC100~240V,output DC 12V / 5A