

HY-C15L-H-20MHz band selective repeater			
Electrical specification		Uplink	Downlink
Frequency Range	LTE2600 (Band 7)	2500~2570MHz	2620 ~ 2690MHz
Bandwidth	fixed 20MHz bandwidth, while central frequency is tunable via the buttons		
Max .Output Power	HY-C15L-H-20MHz	≥12dBm	≥15dBm
Max .Gain	HY-C15L-H-20MHz	≥65dB	≥70dB
Maximum Input Power	≥0dBm		
MGC (Step Attenuation)	31dB / 1dB step		
Automatic Level Control	≥ 40dB		
Passband Ripple	≤4dB		
Out of Band Gain	2.7 f_offset<3.5MHz	<60dB	
	3.5≤f_offset<7.5MHz	<45dB	
	7.5≤f_offset<12.5MHz	<45dB	
	12.5≤f_offset	<35dB	
Spurious Emission	9kHz~1GHz	≅ -36dBm	
	1 GHz ~ 12.75 GHz	≅ -30dBm	
Frequency stability	≤ 0.01ppm		
Noise Figure	≤6dB		
V.S.W.R	≤ 2.0		
Group Delay	≤ 5μs		
Power Consumption	≤15W		
Cooling	Heatsink Convection cooling		
LED Alarm		Standard	
Power LED	Green @ Normal work		
ALC LED	Alarm Red when ALC control over 15dB		
Mechanical Specifications		Standard	
I/O Port	N-Female		
Impedance	50 ohm		
Operating Temperature	-10℃~-+55℃		
Environment Conditions	IP40		
Dimensions	268*170*50mm		
Weight	≤4KG		
Power Supply	Input AC100~240V,output DC9V / 5A		
CE Regulations			
DIRECTIVE 2014/53/EU	Safety	EN 62368-1:2014+A11:2017	
	Health	EN IEC 62311:2020	
	EMC	ETSI EN 301 489-1 V2.2.3 (2019-11)	
		ETSI EN 301 489-50 V15.1.1 (2021-03)	
Radio Spectrum	EN 301 908-1 V13.1.1 (2019-11) EN 301 908-15 V15.1.1 (2020-01)		

