

## 1.1 Introduction

## 1.2

The **SHHR05-U1 Speed Home Repeater** is a bi-directional amplifier designed specially for in-building RF Coverage extension ( about 100 m<sup>2</sup> and more) for cellular services.

If you have a coverage problem in your home, office, small shop and restaurant, the **SHHR05-U1 Speed Home Repeater** will be a proper solution for your needs.

Parameters	Forward path	Reverse path
Frequency Range	1930~1990 MHz	1850 ~ 1910 MHz
Channel Bandwidth	60 MHz	
Output Level (Max)	+7 dBm / 11FA	+10 dBm / 11FA
Input Level (Max)	-120 ~ -43 dBm	-120 ~ -40 dBm
Gain	50 dB ± 2 dB	
Tx/Rx Isolation	65 dB	
Noise Figure	7 dB ( Max Gain )	
V.S.W.R	1.7 : 1	
Propagation Delay	1 us	
Impedance	50 ohm	
Control	No Control interface	
Mechanical Specification		
Dimension	68 (W) x 100 (H) x 37 (D) mm	
Weight	0.46 kg ( installing bracket included )	
Power supply	7V DC / 110V AC	
Electric power Consumption	5.7 W	
Operating Temperature / Relative Humidity	-20 / 5% ~ +50 / 95%	
Storage Temperature	-30 ~ +80	
Cooling	Convection	
Connector	SMA female	