

ANTENNA BUILT-IN TYPE REPEATER FOR PCS (Model # : ARP-1800SI)



Description

The ARP-1800SI is a single unit repeater that includes Donor & Service Antenna in one body. There is no need the RF cable to connect from the antenna to repeater. The ARP-1800SI extends base station coverage to shadow areas caused by large buildings and other structures that can obstruct signal. It is suitable for small buildings, house etc. It is offered high quality communication with low cost & good stability. Forward output power of ARP-1800SI is +6dBm. ARP-1800SI detects oscillation hold back oscillation by reducing repeater gain. ARP-1800SI has shutdown and ALC functions.

Specifications

Parameter		Specification	Remark
Frequency Range	Down Link	1860~1870MHz	
	Up Link	1770~1780MHz	
max. Output Power	Down Link	+6dBm@4FA	
	Up Link	+13dBm@4FA	
Gain	Down Link	60dB	
	Up Link	57dB	
ALC Range		0~30dB	0.5dB step
Noise Figure		6dB max.	
Spurious(IS-95A)	Fc±885KHz	45dB	
	Fc±1.98MHz	50dB	
	Fc±2.25MHz	-13dBm	
Output Protection	Down Link	+9dBm	
	Up Link	+15dBm	
VSWR		1.5:1 max.	
Time Delay		200 ns max.	
Impedance		50Ω	
Power Supply		DC 6V/1.5A max.	AC-DC Adaptor
Operating Temperature		-10 ~ +40 °C	
Additional Function		Oscillation Detection, Oscillation Prevention, ALC, Shutdown	
Dimension[W x D x H]		207 x 157 x 65mm	

* The specification can be modified upon buyer's requests.

* All specifications are subject to change without notice.

* The latest specifications are available at www.actipass.com