

## REPEATER FOR WCDMA (Model # : WRR-L (ARS-2000))



### Description

- Low cost to extend cell coverage
- WCDMA multi FA, wide band Repeater
- For WCDMA Service
- Easy to install
- Automatic Gain Control (A.G.C)
- Wireless download function for Repeater Firmware
- Network Management System(N.M.S)

### Specifications

Parameters		Specification	Remark
Frequency Range	Down Link	2130~2150MHz	
	Up Link	1940~1960MHz	
Pass Band Ripple		3dB p-p	
Pass Bandwidth	3dB Bandwidth	20MHz min.	
	40dB Bandwidth	22MHz max.	
Gain	Down Link	85dB	
	Up Link	73dB	
AGC Range	Down Link	30dB	
	Up Link	22dB	
Output Power max.	Down Link	21dBm/4FA(1port)	24dBm/4FA(2port)
	Up Link	21dBm/4FA	
TX/RX Isolation		80dB min.	
Time Delay		5us max.	
VSWR		1.5:1 max.	
ACLR	FC ± 5MHz	45dB min.	

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	FC $\pm$ 10MHz	50dB min.	
Spectrum Emission Mask (In-band)	$\pm$ 2.5MHz	-22dBm max.	RBW 30KHz
	$\pm$ 3.5MHz	-34dBm max.	RBW 30KHz
	$\pm$ 4.0MHz	-21dBm max.	RBW 30KHz
	$\pm$ 8.07MHz	-25dBm max.	RBW 1MHz
Spurious Emission (Out-band)	9KHz~150KHz	-13dBm max.	RBW 1KHz
	150KHz~30MHz		RBW 10KHz
	30MHz~1GHz		RBW 100KHz
	1GHz~12.75GHz		RBW 1MHz
Noise Figure		9dB max.	
Error Vector Magnitude (EVM)		15% max.	
Peak Code Domain Error (PCDE)		-35dB max.	SF=256
Frequency Stability		$\pm$ 0.01ppm max.	
Monitoring port		23 $\pm$ 0.5dB	SAM(F) Type
In/Output Connector		N(F) Type	
Dimension (W x D x H)		380 x 320 x 130	Unit: mm

\* 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](http://www.actipass.com)