

## MICRO REPEATER FOR WCDMA (Model # : ARMI-1900U)



### 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)
- GUI Control with RS-232C

### Specifications

Parameters		Specification	Remark
Frequency Range	Down Link	1930~1990MHz	Up to 20MHz
	Up Link	1850~1910MHz	
Pass Band Ripple		3dB p-p	
Pass Bandwidth	3dB Bandwidth	19MHz min.	
	40dB Bandwidth	21.5MHz max.	
Gain	Down Link	75dB	
	Up Link	75dB	
AGC Range	Down Link	30dB	
	Up Link	30dB	
Output Power max.	Down Link	16dBm/4FA	
	Up Link	16dBm/4FA	
Time Delay		5us max.	
VSWR		1.5:1 max.	
ACLR	Fc ± 5MHz	45dB min.	
	Fc ± 10MHz	50dB min.	
Spectrum Emission Mask (In-band)	± 2.5MHz	-22dBm max.	RBW 30KHz
	± 3.5MHz	-34dBm max.	RBW 30KHz
	± 4.0MHz	-21dBm max.	RBW 30KHz
	± 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		6dB max.	
Error Vector Magnitude (EVM)		12.5% max.	
Peak Code Domain Error (PCDE)		-35dB max.	SF=256
Frequency Stability		± 0.01ppm max.	
Power Supply		6V, 3.5A max.	DC Adaptor
In/Output Connector		N(F) Type	
Dimension (W x D x H)		200 x 60 x 260	Unit: mm
Additional Function		RSSI, Shutdown	

\* 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)