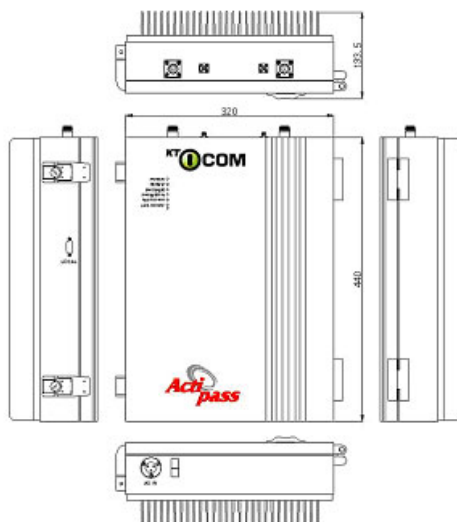


REPEATERS FOR WCDMA (Model # : RACE-S)



▣ Description

- Low cost to extend cell coverage
- WCDMA multi FA, wide band Repeater
- For WCDMA Service
- Easy to install
- Automatic Gain Control (AGC)
- Microscopic oscillation check function
- Fast isolation check function
- Easy GUI(Graphic User Interface), Detail manuals
- Network Management System (NMS)

▣ Specifications

Parameter		Specifications	Remarks
Frequency Range	Down Link	2150 ~ 2170MHz	
	Up Link	1960 ~ 1980MHz	
Pass Band Ripple		2dB p-p	
Gain Control Range	Down Link	60 ~ 90dB	
	Up Link	60 ~ 90dB	
max. Output Power	Down Link	> +27dBm	@ 4FA
	Up Link	> +21dBm	
Tx / Rx Isolation		105 dB min.	
VSWR		1.5 : 1 max.	

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Connector		In / Out N-Type Female	
Time Delay		< 5 μ s	
Impedance		50 Ω	
Spurious Emission (Out Band)	9KHz ~ 150KHz	-13dBm	RBW 1KHz
	150KHz~30MHz		RBW 10KHz
	30MHz~1GHz		RBW 100KHz
	1GHz~12.75GHz		RBW 1MHz

Down Link Item			
Error Vector Magnitude (EVM)		< 17.5%	
Peak Code Domain Error (PCDE)		< -35dB	@ SF=256
Output Over Power Control	Application Way	ALC	
	Control Range	+28dBm	
Spurious Emission (In Band)	\pm 2.5MHz	-22dBm	+27dBm/4FA RBW 30KHz
	\pm 3.5MHz	-34dBm	
	\pm 4.0MHz	-21dBm	
	\pm 8.0MHz	-25dBm	+27dBm/4FA RBW 1MHz
ACLR	\pm 5.0MHz	45dB	
	\pm 10.0MHz	50dB	
Monitoring Port (Directional Coupler)		30dB \pm 1dB	SMA Type
Up Link Item			
Noise Figure		< 5dB	
Dimension (W x D x H) [mm]		270 x 360 x 93.5	

* 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