

# W10-WCDMA-Vodacom

Items		Uplink	Downlink
Frequency Range		1920 ~ 1935 MHz	2110 ~ 2125 MHz
Bandwidth		15 MHz	15 MHz
Output Power		10±2dBm	10±2dBm
Gain		60±2dB	60±2dB
Ripple		≤2dB	≤2dB
VSWR		≤2	≤2
Max. Input Power Without Damage		-10 dBm	-10 dBm
ALC Active 10dB		Δ   ≤2 dB	Δ   ≤2 dB
Intermodulation Products		≤-30 dBm	≤-30 dBm
Spurious Emission	9KHz~1GHz	≤-36 dBm	≤-36 dBm
	1GHz~12.75GHz	≤-30 dBm	≤-30 dBm
Out of Band Gain	2.7≤f<3.5MHz	≤ +60 dB	≤ +60 dB
	3.5≤f<7.5MHz	≤ +45 dB	≤ +45 dB
	7.5≤f<12.5MHz	≤ +45 dB	≤ +45 dB
	12.5 MHz≤f	≤ +35 dB	≤ +35 dB
Spurious Emission	9KHz~1GHz	≤-36 dBm	≤-36 dBm
	1GHz~12.75GHz	≤-30 dBm	≤-30 dBm
ATT step of 5 dB	5dB	Δ<1 dB	Δ<1 dB
	10dB	Δ<2 dB	Δ<2 dB
	15dB	Δ<3 dB	Δ<3 dB
LED Indication	Power ON	Green	
	Power OFF	No Light	
Alarm	ALC not Active	—	Green
	ALC Active 5~10 dB	—	Orange
	ALC Active 15~20dB	—	Red
Noise Figure @ max. gain		≤8 dB	≤8 dB
Time Delay		≤5 μs	≤5 μs
Power Supply		DC:+5 V	
Power Consumption		≤10 W	
RF Connector		SMA-Female	
Operating Temperature		-10°C ~ +55°C	