

# W10-LTE1800-MTN

Items		Uplink	Downlink
Frequency Range		1722.7 ~ 1734.7 MHz	1817.7 ~ 1829.7 MHz
Bandwidth		12 MHz	12. MHz
Output Power		10±2dBm	10±2dBm
Gain		60±2dB	60±2dB
Ripple		≤5 dB	≤5 dB
VSWR		≤2	≤2
Max. Input Power Without Damage		-10 dBm	-10 dBm
Out of Band Gain	0.2MHz≤f_offset_CW < 1MHz	≤ +60 dB	≤ +60 dB
	1MHz≤f_offset_CW < 5MHz	≤ +45 dB	≤ +45 dB
	5MHz≤f_offset_CW < 10MHz	≤ +45 dB	≤ +45 dB
	10MHz≤f_offset_CW	≤ +35 dB	≤ +35 dB
Intermodulation Products		≤-30 dBm	≤-30 dBm
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
ALC Active 10dB		Δ   ≤2 dB	Δ   ≤2 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	