

W20-GSM-MTN

Items		Uplink	Downlink
Frequency Range		901.5 ~ 914.7 MHz	946.5 ~ 959.7 MHz
Bandwidth		13.2 MHz	13.2 MHz
Output Power		15±2dBm	20±2dBm
Gain		65±2dB	70±2dB
Ripple		≤4 dB	≤4 dB
VSWR		≤2	≤2
Max. Input Power Without Damage		-10 dBm	
Out of Band Gain	± 600 KHz	≤+40 dB	≤+40 dB
	± 1 MHz	≤+35 dB	≤+35 dB
	± 5 MHz	≤+25 dB	≤+25 dB
Intermodulation Products		≤-36 dBm	≤-36 dBm
Spurious Emission	9KHz~1GHz	≤-36 dBm	≤-36 dBm
	1GHz~12.75GHz	≤-30 dBm	≤-30 dBm
ATT step of 1 dB	1~10 dB	Δ ≤1 dB	Δ ≤1 dB
	10~20 dB	Δ ≤1 dB	Δ ≤1 dB
	20~25 dB	Δ ≤1.5 dB	Δ ≤1.5 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		≤6 dB	≤6 dB
Time Delay		≤5 μs	≤5 μs
Power Supply		DC: 12 V / 3 A	
RF Connector		N-Female	
Operating Temperature		-10°C ~ +55°C	