



Microwave Town Company, LLC

MTPA19220255541

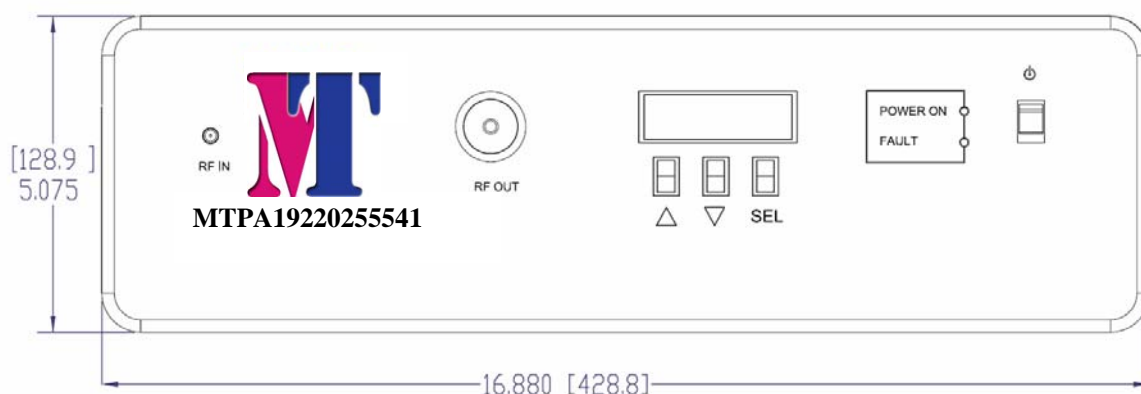
1980MHz-2010MHz 250 Watts Broadband Power Amplifier

Features: High output power, High efficiency, High reliability

Applications: Test & Measurement, Communication system

Test condition: +28VDC, +25° C case temperature

Specification	Unit	Min.	Typical	Max.
Frequency	MHz	1980		2010
Gain	dB	53	55	57
Gain flatness	+/-dB			1
Gain variation over temp	+/-dB			2
Psat	W	200	250	
Efficiency(@Psat)	%	40		
Power control range (1dB step)	dB	30		
Broadband noise	dBm/Hz			-112
Harmonics	dB			-60
Spurious	dB			-70
IM3 (Total power at 100W)	dBc			25
Input VSWR				2: 1
Output VSWR				3: 1
Voltage	V		220	
Current	A		2	
Temperature	°C	-20		55
Storage temperature	°C	-45		65
Dimension	Inch		19x17x6.8	
Weight	Kg		10	
Interface	Input SMA, output Type-N			



Panel monitor(front panel):

Power indicator, Temperature alarm, Power overload warning, VSWR alarm

Power indicator, Attenuation value indicates, Attenuation value adjustment

Network monitoring port (rear panel) :

Forward power, Attenuation control, Power amplifier enable control, VSWR alarm,

Over power alarm, temperature alarm



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Dimensions:

