



Microwave Town Company, LLC

MTPA85211355501

8500MHz-11000MHz 100 Watts Broadband Power Amplifier

Features: Multi-octave Broadband, High output power, High efficiency, High reliability

Applications: Test & Measurement, SATCOM, EW

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

Specification	Unit	Min.	Typical	Max.
Frequency	MHz	8500		11000
Gain	dB	52	55	
Gain flatness	+/-dB		3	
Gain variation over temp	+/-dB		2	
P1dB	W		60	
Psat	W		100	
Efficiency (@ Psat)	%		25	
Noise figure	dB		10	
Input VSWR			2: 1	
Output VSWR			2: 1	
Voltage	V	25	28	32
Current	A		15	25
Temperature	°C	0		50
Dimension	Inch		9.93x17.08x5.81	
Weight	Kg		8	
Interface			SMA	

