



500~2700MHz
100W
Amplifier

Item # 70-238

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A wide band amplifier for use in 500~2700MHz band. Designed with the latest available components, the unit delivers 100Watt output at very high efficiency. Unit is deigned with Tx enable circuit to conserve power .

Due to the high RF power outputs these units are only offered for sale to Military, OEM, Licensed or overseas customers.



Specifications

Operating Range	500~2700 MHz
Operating Mode	Tx enable @ 5dBm
Transmit Power	Peak Power 50dBm, 100 Watt
Transmit Gain	12dB +/-2dB (20~40dB Tx Gain Optional)
Transmit input Power	5dBm min 40 dBm max
LED indicators	Red Stand-by (Default mode) Green for Transmit Power
Temp. LED	Blue <40°C, Green<70°C, Red >70°C
Consumption	@ 48 V DC 20mA @ Stand-by, 1~6A, varies with Tx output
Operating Temp	-40 °C to + 65 °C - with appropriate Heatsink
Dimensions	6"x5.25"x1.25"
Weight	2.36lbs - without Heatsink
DC Power:	48 V DC - Operation
	1.6A @ 10W
	2.1A @ 20W
	3.1A @ 40W
	3.5A @ 50W
	6.0A @ 100W