



FA600

600 W FM POWER AMPLIFIER



The FA600 FM Amplifier is designed to provide more reliable FM transmitters using the extremely rugged LDMOS power transistor for the FM broadcast market.

Main Features

- Very Efficient LDMOS Amplifier
- Measurement and display of the transmitter's working parameters
- Seven Selectable Complete Set-up Ready For Use N+1 System
- Automatic start/stop for air conditioner
- Event logs can be seen on display or printed out with date&time of event
- High Reliability Use Of Microstrip Technology
- VSWR>65:1

Options

- GSM/GPRS Modem for internet connection
- Remote Control Via Internet (TCP/IP, SNMP)





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Technical Parameters		
RF DATA	Operating Frequency	87.5-108.0 MHz
	RF Power Input	5W
	RF Power Output	600W
	RF Input Connection	N
	RF Output Connection	7/16
	Input / Output Impedances	50Ω
	RF Probe	-50 dBm, 50 Ohm, BNC
	Power Stability	<1%
	Overall Efficiency	75%
	Spurious and harmonic suppression (ref. to carrier)	< - 80 dBc
	Synchronous AM (ref.100% mod.)	< - 58 dB
	Asynchronous AM (ref.100% mod.)	< - 50 dB
	MEASURED VALUES	Forward Power
Relected power		
DC supply voltage		
DC supply current		
Heat sink Temperature		
Environmental Temperature		
Humidity		
ENVIRONMENTAL	Cooling	forced air by internal fans
	Service	continuous 7/24 h
	Operating temperature	15 to + 45°C/ 5 to + 104°F
	Max. Installation altitude	4000m on seal evels
POWER	AC Voltage	90/264 VAC-47- 63 Hz
	Power consumption	780 VA
PHYSICAL FEATURES	Height	3U (13.5cm)
	Depth	55 cm deep including connectors
	Width	48.5 cm Rack Mountable
	Weight	22 kg