



300 Watt RF Amplifier

FMAMP300



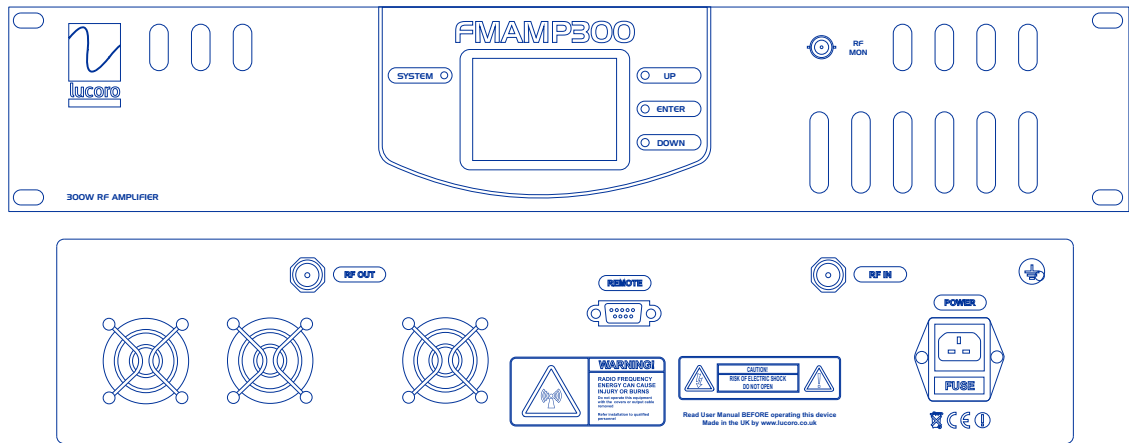
Features

- 300W RF output power
- 10W input power
- Latest enhancement mode FET device
- Good efficiency
- Highly reliable

Applications

- Power increase for lower power Exciters
- Reserve back-up
- Independent radio service
- Community radio service

The FMAMP300 is a 300W RF Amplifier for FM broadcast systems. Easy to install, it represents unrivalled performance and reliable at such a low cost. Metering of systems status, plus forward and reflected power levels is provided on the front panel. A TTL control input and status output connector on the rear panel allows easy integration into new or existing remote monitoring or control systems, plus automatic switching in back-up systems. Filtering ensures compliance with broadcast regulations.



Specifications

Dimensions:	2U 88 H x 482 W x 290 D (mm)	Frequency:	87.5 - 108MHz
Weight:	2.8kg	Output Power:	50 - 300W
RF input:	N female 50ohm	Power stability:	Better than 0.25dB
RF output:	N female 50ohm	Spurious (76-137MHz):	<-100dBc (Fc > 500kHz)
RF monitor:	BNC female 50ohm (nominal -40dB)	Harmonics & Spuri:	<-70dBc (30-1000MHz)
Input level:	10W for 300W ouput	Temperature:	+0° - +42°C (-20° - +50°C extreme)
I/O Control:	9-way D-sub female	Voltage:	100 - 250Vac 50-60Hz

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