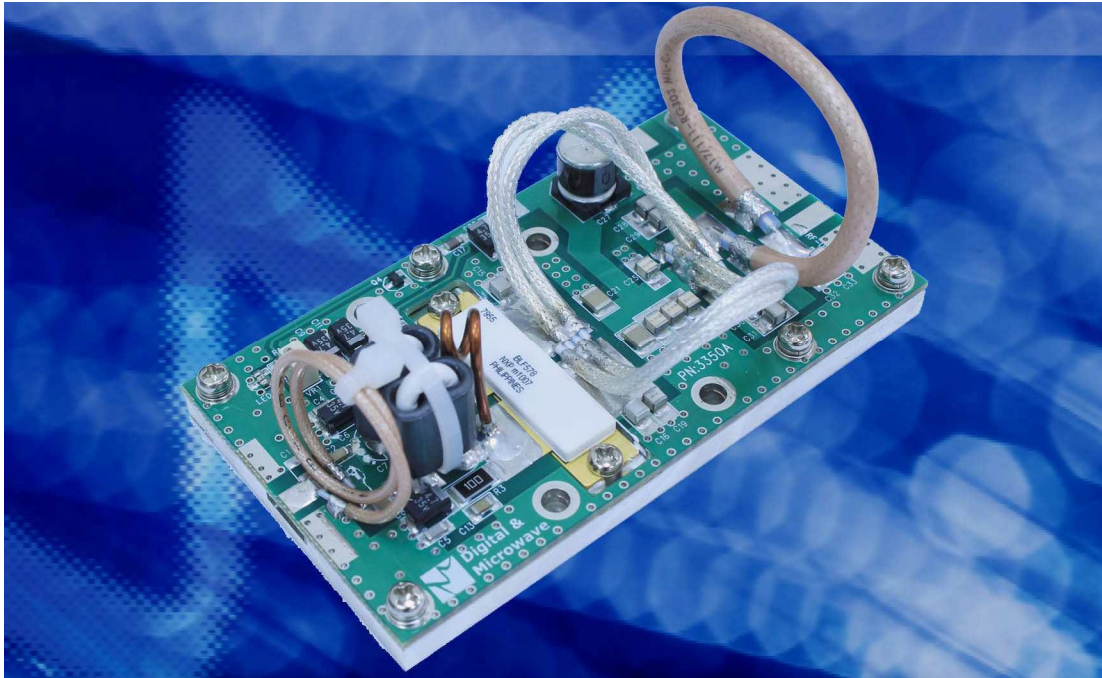


## RF Power Amplifier Pallet 1000W 87.5 to 108MHz FM



The 3350B pallet are designed primarily for broadcast transmitter application with a reliable NXP Ldmos device. This high gain and wideband amplifier also suitable for industrial, scientific and medical with CW or pulsed application.

### Technical Specification Summary

- 87.5~108 MHz
- Pout : 1000W
- Gain : 25dB
- Efficiency : 74%
- Capable of Handling : 10:1 VSWR
- 50 Ohm in/out impedance
- Excellent Thermal Stability
- Class B operation
- Devices : 1 x BLF578
- Supply : 48 V DC nominal
- Dimensions : 102Lx58Wx40H (mm)

## Electrical Specifications

Parameter	Min.	Typ.	Max	Units	Notes
Voltage supply		48	50	Vdc	
Supply current		26	30	Adc	
Operating Temperature range	0		80	°C	
Storage Temperature range	-30		90	°C	
Load Mismatch			2:1	VSWR	Full power, all phase angle
Frequency	87.5		108	MHz	
Power Input		2.5	3.5	W	
Power gain	23	25	27.5	dB	
Efficiency	70	75	80.5	%	1045WPout, 48V CW

Dimension drawing UNIT:mm

