

The model TL80M1000M-50 is a 80MHz -1000MHz ultra-wide band RF power amplifier, with 50 Watt respectively, and is highly efficient and reliable. Mainly used for testing and measuring instruments, communications or interference, aviation control and other fields. The product has temperature and current detection with alarm protection and other functions.

Features:

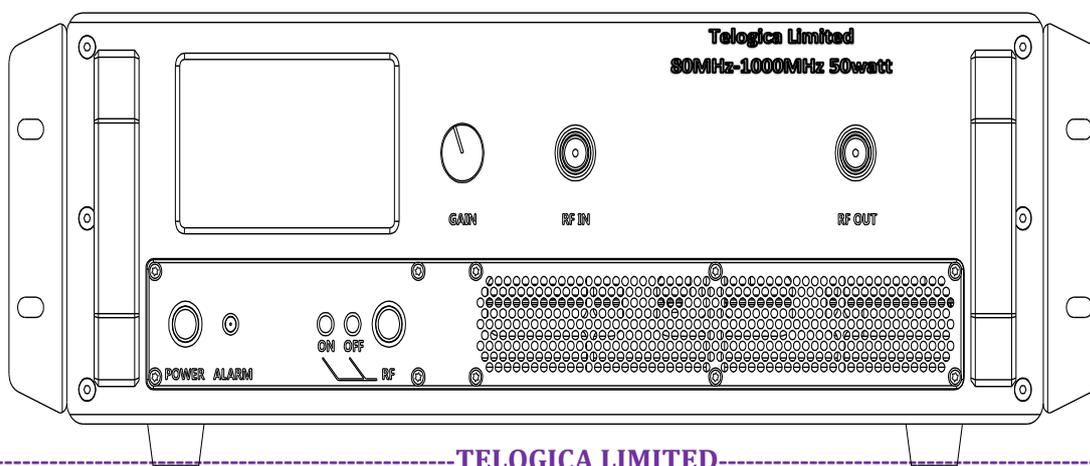
- Multi-octave Broadband,
- High output power
- High efficiency
- High reliability

Applications:

- Test & Measurement
- SATCOM
- EW
- Transmitter



Parameter	Unit	SPEC
		Model: TL80M1000M-50
Operating Frequency	MHz	80-1000
Output Power	Min(W)	50
Input Power	Max(dBm)	0
Power Gain	Min(dB)	47
Small Signal Gain	Min(dB)	50
Gain Flatness	Max(dB)	±4
Gain Adjustment	Max(dB)	20
Input VSWR	Typ./Max	1.5/2.0
2nd Harmonic Power @ Pout	Typ./Max (dBc)	-10
Spur @ Pout	Typ./Max (dBc)	-65/-60
Input Signal		AM, FM, CW & PULSE
In/Output Impedance	Ohm	50
RF Input		N Female
RF Output		N-Female
Display		Color display
Dimensions Rackmount	LXWXH in mm	483X491X132
Control	Gain	1dB Manual(Knob)
Input Voltage	VAC	90 ... 240 V AC
Efficiency	%	15
Operating Temperature	°C	0 ... +50 °C
Storage Temperature	°C	-20 ... +65 °C
Humidity	%	95% non-Condensing
Remote Control		RS 485 Remote control
Shock and Vibration		Normal Transportation
Cooling		Forced Air cooling



TELOGICA LIMITED

[Formerly known as AISHWARYA TECHNOLOGIES AND TELECOM LIMITED]
 (CIN: L72200TG1995PLC020569) (GST:36AABCA6501C1ZC)

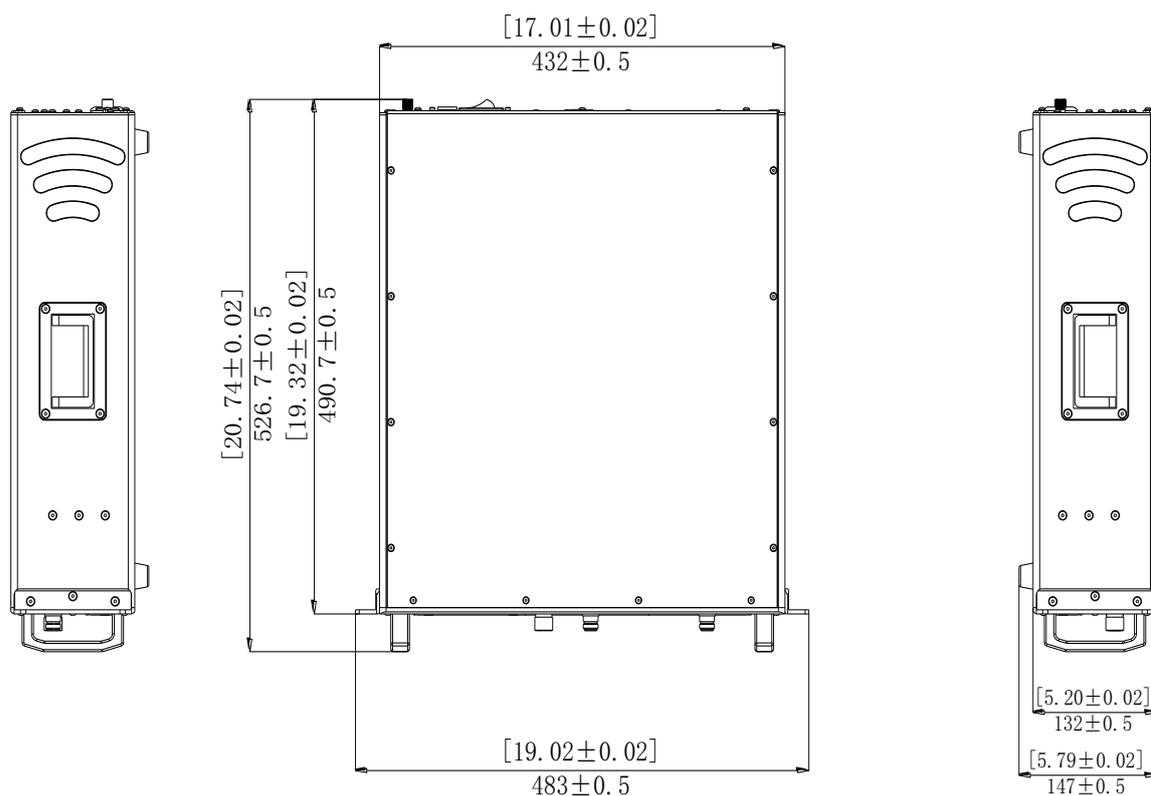
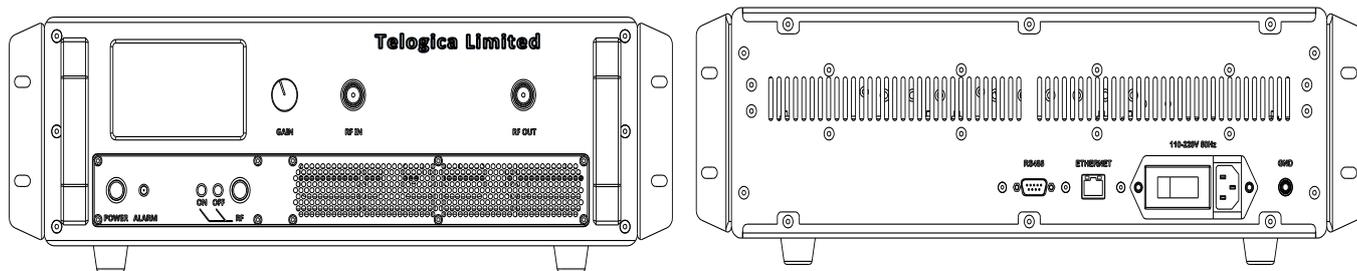
Regd. Office: Empire Square, Plot No 233-A, 234 & 235, 3rd Floor, Road No,36, Jubilee Hills, Hyderabad-500 033, Telangana, India

Manufacturing Unit: Plot No. M-09, Medical Device Park, Sultanpur, Sangareddy-502319 Telangana

Mob: +91-7660007496 Tel: +91 40 2753 1324, 25,26 FAX: +91 40 27535423

Web: www.telogica.com Email: bids@telogica.com

OUTLINE DRAWING



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