

UW-84-P

DESCRIPTION:

Amplifier UW-84-P is used in the 9A33BM2 and 9A33BM3 systems. It replaces the tube amplifier UW 84.

It serves for amplification of microwave signals in C band with possibility of pulse change of gain. It is protected by a solid-state limiter. It can operate with input pulse power up to 15 W.

Environment:

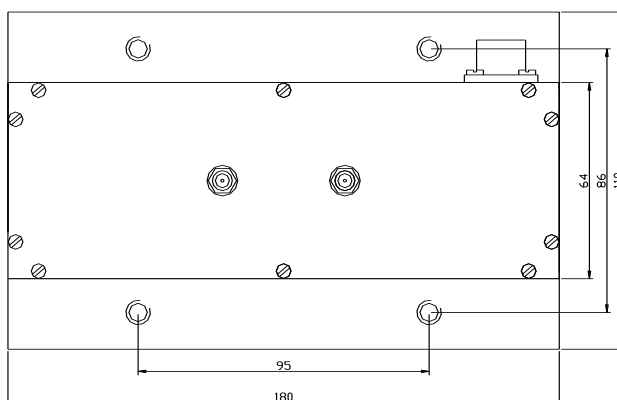
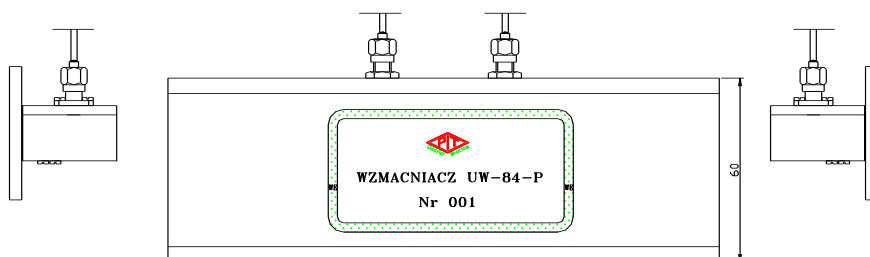
Operational temperature:	-40 ℃ / +60 ℃
Humidity	98%/+25 ℃
Vibration	20m/s ² /30 Hz
Shocks	100m/s ²

Basic electrical parameters:

Operational bandwidth:	6 ÷ 8 GHz
Gain:	G ≥ 30 dB
Gain adjustment:	ΔG ≥ 20 dB
Noise figure:	NF ≤ 5 dB (max) NF ≤ 3.5 dB (typical)
VSWR:	≤ 2.5
Power supply:	+27 V/-15 V

Additional information:

The amplifier UW-84-P has waveguide input and output which allows direct replacing of tube amplifiers. There is also an option available with coaxial connectors of SMA type.



PIT - RADWAR S.A. WROCLAW DIVISION

50-425 Wrocław, ul. Krakowska 64, Poland; tel. (+48) 71-342-65-54; fax (+48) 71-342-58-59; e-mail: sales@dolam.pl
53-439 Wrocław, ul. Grabiszyńska 97 tel. (+48) 71-361-18-19 ; fax. (+48) 71-361-73-19; e-mail: office@pitow.wroc.pl