

UW-1024-P

DESCRIPTION:

Amplifier UW-1024-P is used in the 1S91M2 and 2P25M2 systems. It replaces the tube amplifier UW 1024.

It serves for amplification of microwave signals in X band with possibility of gain regulation up to 15 dB (min). . It is protected by a solid-state limiter. It can operates with input pulse power up to 5 W.

Environment:

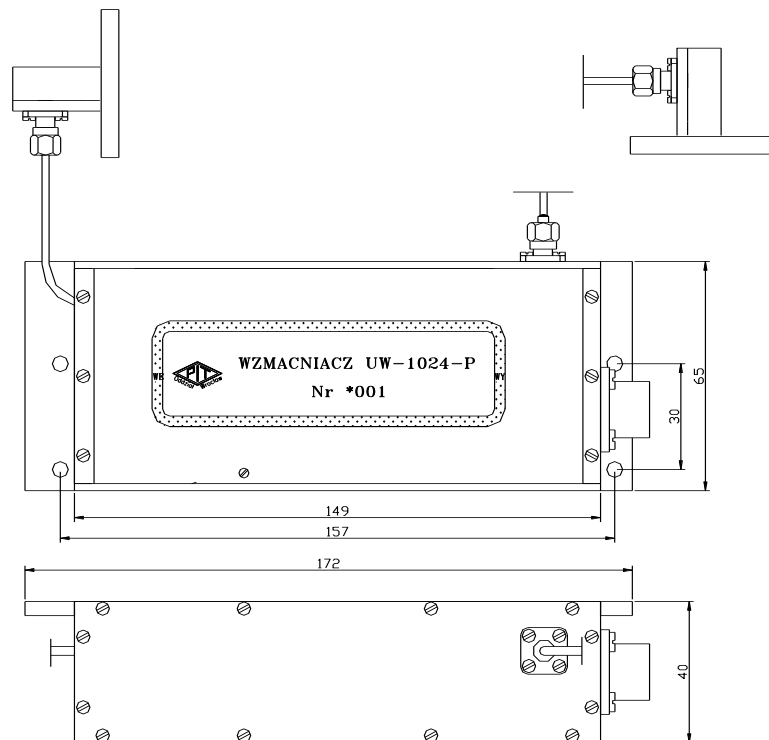
Operational temperature: -40 ℃ / +60 ℃
 Humidity 98%/+25 ℃
 Vibration 20m/s²/30 Hz
 Shocks 100m/s²

Basic electrical parameters:

Operational bandwidth: 8 ÷ 10 GHz
 Gain: G ≥ 30 dB
 Gain adjustment: ΔG ≥ 15 dB
 Noise figure: NF ≤ 5 dB (max)
 NF ≤ 3.5 dB (typical)
 VSWR: ≤ 2.5
 Power supply: +27 V/-15V

Additional information:

The amplifier UW-1024P-P has waveguide input and output which allows direct replacing of tube amplifiers. There is an 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