

UW-105-P

DESCRIPTION:

Amplifier UW-105-P is used in the 1591M1/M2 systems. It replaces tube amplifiers UW 105 and UW 1032. It is used in receive channel to amplify microwave signals in C band. The amplifier is protected by a solid-state limiter and it may operate with input peak power up to 10 W.

Environment:

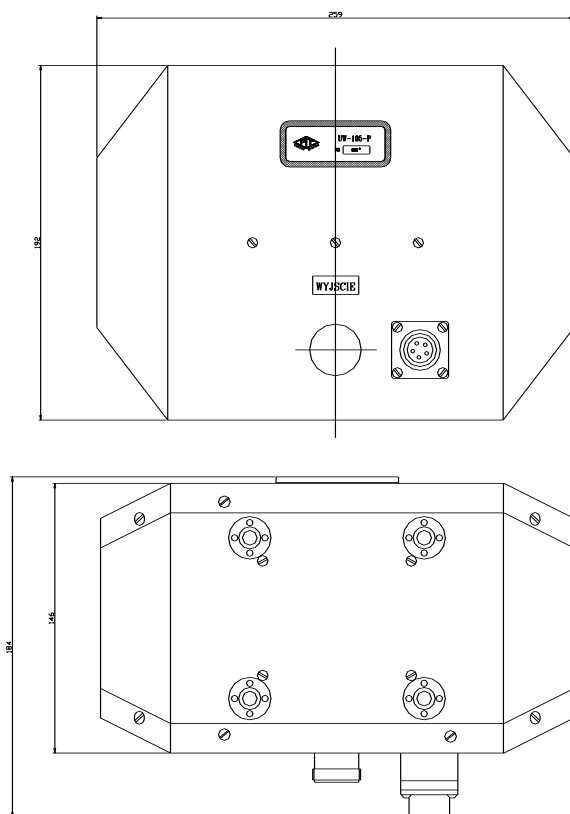
Operational temperature:	-40 ℓ +60 ℓ
Humidity	98%/+25 ℓ
Vibration	20m/s ² /30 Hz
Shocks	100m/s ²

Basic electrical parameters:

Operational bandwidth:	4.8 ÷ 6 GHz
Gain:	G ≥30 dB
Noise figure:	NF ≤5 dB (max) NF ≤3.5 dB (typical)
VSWR	≤2.5
Power supply:	+27 V

Additional information:

The amplifier UW-105-P has waveguide input and output which allows direct replacing of tube amplifiers.



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