

PLA12025S12H-4 MSI 12VDC 120x120x25mm PWM Axial Fan Datasheet



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Category: Axial & Centrifugal Fans

Price: **\$44.99**

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Product Page:

<https://www.equipspares.com/product/pla12025s12h-4-msi-12vdc-120x120x25mm-pwm-axial-fan>

Product Description

The MSI PLA12025S12H-4 is a high-precision Axial Fan engineered to deliver superior static pressure and airflow concentration for dense thermal exchangers. Featuring advanced Hydro Dynamic Bearing (HDB) technology, this unit ensures minimal frictional wear and extended operational lifespan while maintaining structural rigidity at high rotational speeds. The aerodynamic design incorporates the Silent Gale blade geometry, which significantly reduces air turbulence and acoustic noise while optimizing thermal impedance. Designed for pulse width modulation (PWM) control, the motor allows for dynamic speed adjustment, making it an ideal solution for critical cooling applications requiring a balance between performance and acoustics.

Model Number: PLA12025S12H-4

Brand: MSI

Product Type: Axial Fan

Rated Voltage: 12 VDC

Rated Speed: 2200 RPM

Bearing Type: Hydro Dynamic Bearing

Dimensions: 120 x 120 x 25 mm

Termination: 4-Pin PWM Header

Speed Control: PWM

Blade Design: Silent Gale

Application: Radiator / Heatsink

Condition: Open Box / Unused

The PLA12025S12H-4 is specifically calibrated for high-resistance airflow environments, making it the primary choice for liquid cooling radiators and high-density heatsinks found in the RTX 4090 Suprim Liquid series. Additionally, the PLA12025S12H-4 serves effectively in custom workstation builds, server rack chassis, and precision electronic enclosures where consistent static pressure is required to penetrate dense fin stacks and maintain optimal component temperatures.

Supplemental Images

