

AD1212HB-A7BGL ADDA 12V PWM DC Axial Fan 120mm

SKU: AD1212HB-A7BGL

Price: \$9.99

Categories: Fans

Tags: ADDA

Product Link:

<https://www.electspares.com/product/ad1212hb-a7bgl-adda-12v-pwm-dc-axial-fan-120mm/>

Product Description

The ADDA AD1212HB-A7BGL is a high-performance DC Axial Fan with dimensions of 120×120×25 mm. This model operates on a 12 VDC Rated Voltage with a Rated Current of 0.37 A, resulting in a Rated Input Power of 4.44 W. It is equipped with a Ball Bearing system and features 4-wire leads, indicating support for PWM speed control and speed monitoring (Tachometer). The fan achieves a Rated Speed of 2,200 RPM, providing an Airflow of 87.87 CFM (149.38 m³/h) and a Static Pressure of 0.134 inAq (33.4 Pa). It is primarily designed for applications requiring precise thermal management and on-demand cooling adjustment, such as server racks and high-end workstations.

AD1212HB-A7BGL Fan Parameters

Model: AD1212HB-A7BGL

Manufacturer: ADDA

Type: DC Axial Fan

Dimensions: 120×120×25 mm

Motor Design: Brushless DC Motor

Bearing Type: Ball Bearing

Rated Voltage: 12 VDC

Rated Current: 0.37 A

Rated Input: 4.44 W

Rated Speed: 2,200 RPM

Airflow: 87.87 CFM (149.38 m³/h)

Static Pressure: 0.134 inAq (33.4 Pa)

Noise Level: 39.1 dB/A

Weight: 156 g

Operating Voltage Range: 10.8 VDC to 13.2 VDC

Frame Material: Plastic (P.B.T., UL94V-0)

Impeller Material: Plastic (P.B.T., UL94V-0)

Termination: 4-Wire Leads (with PWM and Tachometer)

Life Expectancy: 50,000 h (at 40 °C)

Safety Approval: UL, CUL, CE

Application

The AD1212HB-A7BGL is an advanced cooling solution ideal for systems where both high airflow and dynamic noise control are necessary. Its PWM capability allows the fan speed to be adjusted based on the thermal load, making it perfect for PC builds, network equipment, and variable speed industrial controllers to optimize efficiency and reduce energy consumption and noise.

Product Images









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