

AD0412LB-D50 ADDA 12V DC Axial Fan Low Noise

SKU: AD0412LB-D50

Price: \$9.99

Categories: Fans

Tags: ADDA

Product Link:

<https://www.electspares.com/product/ad0412lb-d50-adda-12v-dc-axial-fan-low-noise/>

Product Description

The ADDA AD0412LB-D50 is a high-performance DC Axial Fan with dimensions of 40×40×15 mm. This Low Noise model operates on a 12 VDC Rated Voltage with a Rated Current of 0.08 A (Rated Input Power of 0.96 W). It features a robust Ball Bearing system and a simple 2-wire electrical connection for basic power and ground operation. The fan operates at a Rated Speed of 6,000 RPM, providing an Airflow of 6.8 CFM (11.55 m³/h) and a Static Pressure of 0.161 inAq. With a low Noise Level of 30.3 dB/A, the fan is perfectly suited for noise-sensitive mini servers, desktop PC peripherals, and compact industrial equipment cooling without requiring speed control or feedback.

Fan Parameters

Model: AD0412LB-D50

Manufacturer: ADDA

Type: DC Axial Fan

Dimensions: 40×40×15 mm

Motor Design: Brushless DC Motor

Bearing Type: Ball Bearing

Rated Voltage: 12 VDC

Rated Current: 0.08 A

Rated Input: 0.96 W

Rated Speed: 6,000 RPM

Airflow: 6.8 CFM (11.55 m³/h)

Static Pressure: 0.161 inAq (4.03 mmAq)

Noise Level: 30.3 dB/A

Weight: 27 g

Operating Voltage Range: 10.8 VDC to 13.2 VDC

Number of blades: 5

Frame Material: Plastic (UL94V-0)

Impeller Material: Plastic (UL94V-0)

Termination: 2-Wire (Power and Ground)

Life Expectancy: 50,000 h (at 40 °C)

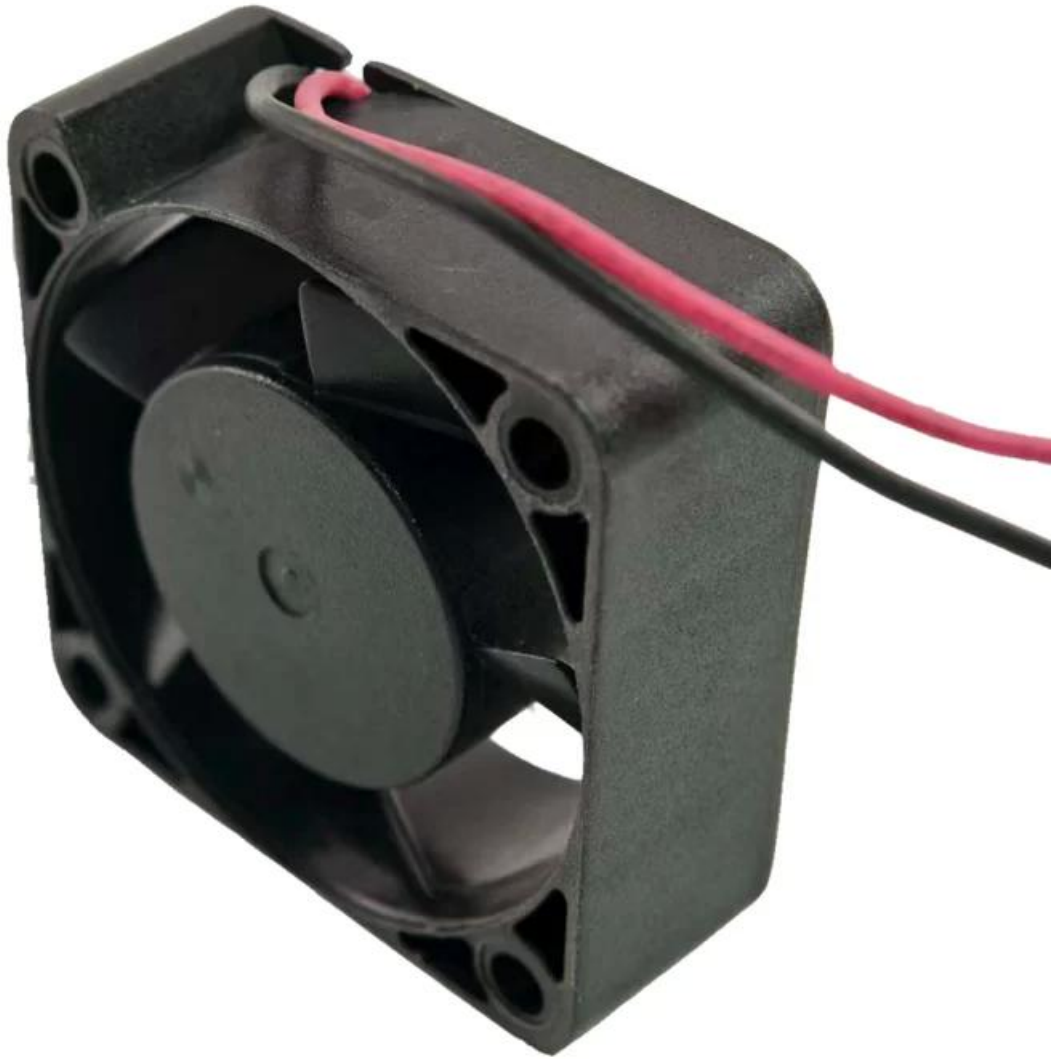
Safety Approval: UL, CUL, CE

Application

The AD0412LB-D50 is primarily utilized in environments that require reliable cooling within minimal space, while minimizing acoustic noise. It is an excellent choice for miniature systems, small computer cases (SFF), storage devices, network attached storage (NAS), and other electronics where the 12VDC rail is available and low noise is a design priority without the need for external speed monitoring or control.

Product Images









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