

# AD0812LB-D70 ADDA 12VDC 80x80x15mm Low Noise Axial Fan Datasheet



**Brand:** ADDA

**SKU:** [902411346626](#)

**Category:** Axial & Centrifugal Fans

**Price:** **\$14.99**

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Product Page:

<https://www.equipspares.com/product/ad0812lb-d70-adda-12vdc-80x80x15mm-low-noise-axial-fan>

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## Product Description

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The ADDA AD0812LB-D70 is a DC Axial Fan engineered for applications requiring reliable thermal management within a compact footprint. Utilizing advanced brushless DC motor technology, this unit ensures consistent rotational stability and reduced electromagnetic interference. The architecture incorporates a precision Ball Bearing system, which significantly enhances structural rigidity and operational longevity compared to standard sleeve alternatives. Its aerodynamic impeller design is optimized to minimize turbulence, thereby lowering the acoustic signature while maintaining adequate airflow for component cooling. The housing is constructed from durable thermoplastic, offering robust resistance to thermal stress and mechanical vibration.

Model Number: AD0812LB-D70

Brand: ADDA

Product Type: DC Axial Fan

Rated Voltage: 12 VDC

Voltage Range: 10.8 - 13.2 VDC

Rated Current: 0.09 A

Input Power: 1.08 W

Rated Speed: 2400 RPM

Bearing Type: Ball Bearing

Max. Air Flow: 22.0 CFM (37.3 m<sup>3</sup>/h / 0.62 m<sup>3</sup>/min)

Max. Static Pressure: 1.78 mmH<sub>2</sub>O (17.4 Pa / 0.07 inH<sub>2</sub>O)

Dimensions: 80 x 80 x 15 mm

Noise Level: 23.0 dB(A)

Frame Material: PBT Thermoplastic (UL94V-0)

Impeller Material: PBT Thermoplastic (UL94V-0)

Termination: 2-Wire Lead

Operating Temperature: -10°C to +70°C

Life Expectancy: 70,000 Hours at 40°C

Safety Approvals: UL, CUL, TUV, CE

Weight: 62 g

This cooling solution is specifically calibrated for environments where acoustic neutrality is paramount, such as home theater PCs, quiet server racks, and office workstations. The AD0812LB-D70 excels in compact electronic enclosures where space is limited due to its slim 15mm profile. Furthermore, the AD0812LB-D70 is frequently utilized in network appliances, medical instrumentation, and telecommunications equipment requiring continuous, maintenance-free operation.

## Supplemental Images

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