

AD0812XB-A71GL ADDA 12VDC 80x80x25mm Axial Fan Datasheet



Brand: ADDA

SKU: 915406084647

Category: Axial & Centrifugal Fans

Price: \$12.99

E-mail: sales@equipspares.com

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Product Page: <https://www.equipspares.com/product/ad0812xb-a71gl-adda-12vdc-80x80x25mm-axial-fan>

Product Description

The ADDA AD0812XB-A71GL is a precision-engineered axial cooling fan designed for high-reliability thermal management applications. Utilizing advanced DC motor technology paired with a robust dual ball bearing architecture, this unit ensures minimal frictional resistance and extended operational longevity under continuous load. The aerodynamic impeller profile is optimized to maximize static pressure while maintaining low acoustic signatures, effectively reducing thermal impedance in restricted enclosures. Constructed with structural rigidity in mind, the AD0812XB-A71GL delivers consistent airflow performance, making it an ideal solution for critical electronic cooling where stability and durability are paramount.

Model Number: AD0812XB-A71GL

Brand: ADDA Corporation

Product Type: DC Axial Fan

Rated Voltage: 12 VDC

Voltage Range: 10.2 - 13.8 VDC

Rated Current: 0.25 A

Power Consumption: 3.00 W

Rated Speed: 4200 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 41.5 CFM (70.51 m³/h / 1.17 m³/min)

Max. Static Pressure: 4.83 mmH₂O (47.3 Pa / 0.19 inH₂O)

Dimensions: 80 x 80 x 25 mm

Noise Level: 38.0 dB(A)

Termination: 2-Wire Leads with 2-Pin Connector

Wire Length: 310 mm

Housing Material: PBT Plastic (UL94V-0)

Impeller Material: PBT Plastic (UL94V-0)

Direction of Rotation: Counter-clockwise

Operating Temperature: -10°C to +70°C

Life Expectancy: 70,000 Hours @ 40°C

Mounting: Flange Mount

Weight: 86 g

Designed for versatile integration, the AD0812XB-A71GL excels in environments requiring efficient heat dissipation such as laser printing equipment and high-fidelity audio amplifiers. Its compact form factor allows for seamless installation in server racks, telecommunications cabinets, and industrial automation control panels. The AD0812XB-A71GL provides the necessary airflow to prevent thermal throttling in sensitive electronics, ensuring optimal performance in both commercial and industrial hardware setups.

Supplemental Images

