

AD1212UB-A70GL ADDA 12VDC 120x120x25mm 0.50A Axial Fan Datasheet



Brand: ADDA

SKU: [758794424339](#)

Category: Axial & Centrifugal Fans

Price: **\$12.99**

E-mail: sales@equipspares.com

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Product Page:

<https://www.equipspares.com/product/ad1212ub-a70gl-adda-12vdc-120x120x25mm-0-50a-axial-fan>

Product Description

The ADDA AD1212UB-A70GL is a precision-engineered DC axial fan designed for critical thermal management applications requiring sustained airflow and reliability. Utilizing an advanced brushless DC motor architecture coupled with a dual ball bearing system, this unit minimizes frictional losses while maintaining rotational stability under continuous load. The aerodynamic impeller geometry is optimized to reduce turbulence and enhance static pressure delivery, effectively lowering thermal impedance within high-density enclosures. Constructed with a robust PBT housing, the fan ensures structural rigidity and resistance to environmental stress, making it an ideal solution for industrial cooling requirements.

Model Number: AD1212UB-A70GL

Brand: ADDA

Product Type: DC Axial Fan

Rated Voltage: 12VDC

Voltage Range: 10.8 - 13.2 VDC

Rated Current: 0.50 A

Power Input: 6.00 W

Rated Speed: 2500 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 87.87 CFM (149.2 m³/h)

Max. Static Pressure: 4.45 mmH₂O (43.6 Pa / 0.175 inH₂O)

Dimensions: 120 x 120 x 25 mm

Weight: 156 g

Noise Level: 43.3 dB(A)

Housing Material: PBT Plastic (UL94V-0)

Impeller Material: PBT Plastic (UL94V-0)

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Life Expectancy: 70,000 Hours at 40°C

Termination: 2-Wire Leads

Ingress Protection: IP20

Safety Approvals: UL, CUL, TUV, CE

The AD1212UB-A70GL is engineered for deployment in demanding environments such as server racks, telecommunications cabinets, and industrial automation enclosures where consistent heat dissipation is paramount. Its high airflow capacity makes it particularly suitable for chassis cooling and power supply ventilation, preventing thermal throttling in sensitive electronic components. Additionally, the AD1212UB-A70GL serves effectively in medical instrumentation and network storage devices, ensuring operational stability through efficient forced convection.

Supplemental Images

