

AD0412UB-G70 ADDA 12VDC 40x40x10mm Axial Fan Datasheet



Brand: ADDA

SKU: [899279431044](#)

Category: Axial & Centrifugal Fans

Price: **\$12.99**

E-mail: sales@equipspares.com

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Product Page: <https://www.equipspares.com/product/ad0412ub-g70-adda-12vdc-40x40x10mm-axial-fan>

Product Description

The ADDA AD0412UB-G70 is a compact DC axial fan engineered for high-reliability thermal management in constrained electronic environments. This unit utilizes a precision-engineered DC brushless motor architecture coupled with a durable ball bearing system, ensuring consistent rotational stability and reduced friction over extended operational periods. The aerodynamic design of the impeller blades is optimized to maximize airflow efficiency while maintaining structural rigidity under load. Designed to mitigate thermal impedance in sensitive components, the fan operates with a balanced acoustic profile suitable for industrial applications. Its robust housing construction provides necessary protection against mechanical stress, making it a dependable solution for continuous duty cycles.

Model Number: AD0412UB-G70

Brand: ADDA

Product Type: DC Axial Fan

Rated Voltage: 12VDC

Voltage Range: 10.8 - 13.2 VDC

Rated Current: 0.12 A

Power Input: 1.44 W

Rated Speed: 6000 RPM

Bearing Type: Ball Bearing

Max. Air Flow: 7.2 CFM (0.20 m³/min)

Max. Static Pressure: 0.16 inH₂O (4.0 mmH₂O)

Dimensions: 40 x 40 x 10 mm

Weight: 18 g

Noise Level: 28.0 dB(A)

Termination: 2-Wire Lead

Housing Material: PBT (UL94V-0)

Blade Material: PBT (UL94V-0)

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Life Expectancy: 70,000 Hours at 40°C

Motor Protection: Impedance Protected

Safety Approvals: UL, CUL, TUV, CE

The AD0412UB-G70 is frequently deployed in compact electronic assemblies where space is at a premium but airflow cannot be compromised. Common applications include cooling chipsets in networking switches, ventilating small form-factor power supplies, and managing thermals in portable medical instrumentation. The AD0412UB-G70 is also suitable for spot cooling in industrial automation controllers and 3D printer hot-end assemblies, ensuring critical components remain within safe operating temperature ranges.

Supplemental Images

