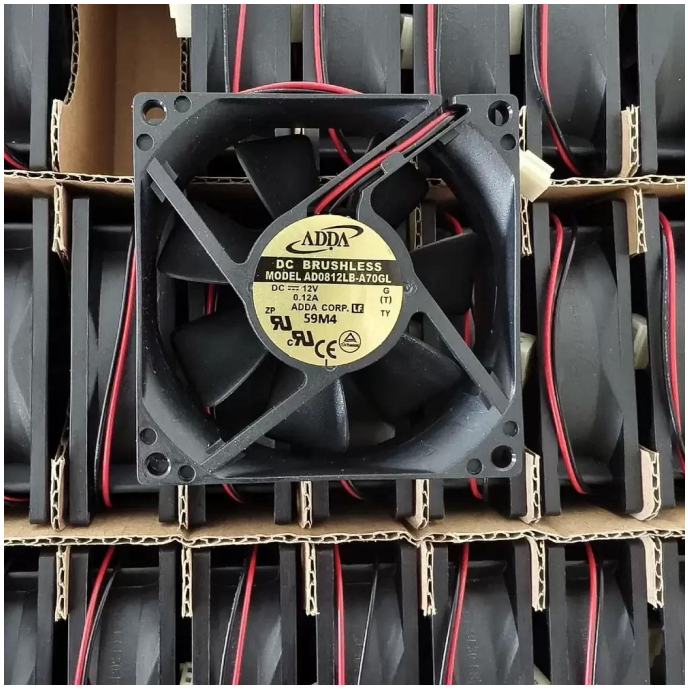
AD0812LB-A70GL ADDA 12VDC 80x80x25mm Cooling Axial Fan Datasheet



Brand: ADDA

SKU: 1000590068878

Category: Axial & Centrifugal Fans

Price: **$9.99**

E-mail: sales@equipspares.com

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Product Page:
https://www.equipspares.com/product/ad0812lb-a70gl-adda-12vdc-80x80x25mm-cooling-axial-fan

Product Description

The ADDA AD0812LB-A70GL is a precision-engineered DC axial fan designed for applications requiring reliable thermal management with optimized acoustic performance. Utilizing advanced brushless DC motor technology and a durable ball bearing system, this unit ensures consistent rotational stability and reduced friction, thereby extending operational lifespan significantly compared to sleeve bearing alternatives. The aerodynamic impeller design minimizes turbulence, effectively lowering thermal impedance within high-density enclosures. Constructed with a robust PBT frame for structural rigidity, the AD0812LB-A70GL delivers efficient airflow while maintaining low power consumption, making it an ideal solution for continuous duty cycles in industrial environments.

Model Number: AD0812LB-A70GL
Brand: ADDA
Product Type: DC Axial Fan
Rated Voltage: 12 VDC
Voltage Range: 10.2 - 13.8 VDC
Rated Current: 0.12 A
Input Power: 1.44 W
Rated Speed: 2440 RPM
Bearing Type: Ball Bearing

Max. Air Flow: 30.0 CFM (50.97 m^3/h / 0.85 m^3/min)
Max. Static Pressure: 2.54 mmH_2O (24.91 Pa / 0.10 inH_2O)
Dimensions: 80x80x25mm
Weight: 86 g
Noise Level: 28.0 dB(A)
Frame Material: Glass Fiber Reinforced PBT (UL94V-0)
Impeller Material: Glass Fiber Reinforced PBT (UL94V-0)
Termination: 2-Wire Lead with 3-Pin Connector
Ingress Protection: IP20
Insulation Class: Class A
Operating Temperature: -10°C to +70°C
Storage Temperature: -40°C to +70°C
Life Expectancy: 70,000 Hours at 40°C
Direction of Rotation: Counter-clockwise (Viewed from front)
Motor Protection: Impedance Protected
Certifications: UL, CUL, TUV, CE

Designed for versatility, the AD0812LB-A70GL is frequently integrated into industrial power supply units, computer chassis, and automation control panels where space and noise are critical factors. Its reliable airflow characteristics make it suitable for cooling sensitive electronic components in server racks, CNC machinery, and telecommunications equipment. The AD0812LB-A70GL ensures optimal operating temperatures, preventing thermal throttling in mission-critical hardware and extending the longevity of the host system.

Supplemental Images