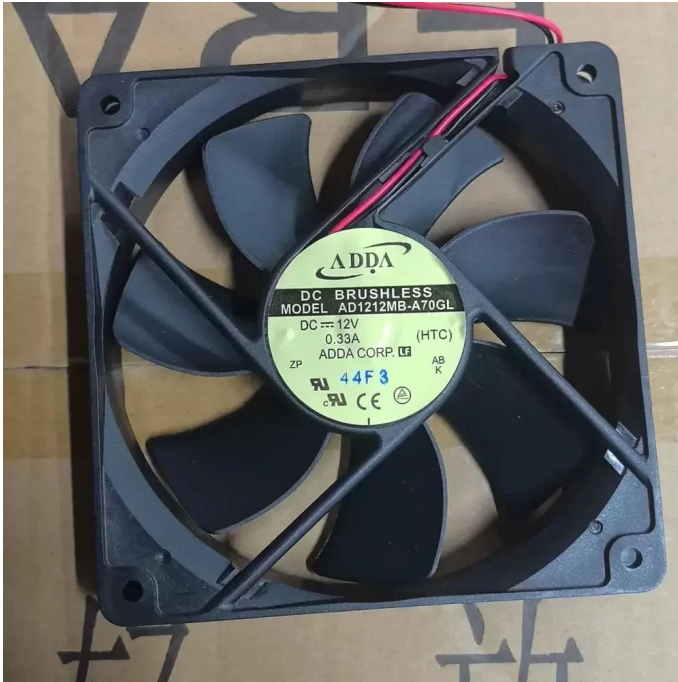


AD1212MB-A70GL ADDA 12VDC 120x120x25mm Brushless Axial Fan Datasheet



Brand: ADDA

SKU: [898089151534](#)

Category: Axial & Centrifugal Fans

Price: **\$9.99**

E-mail: sales@equipspares.com

Web: <https://www.equipspares.com>

Product Page:

<https://www.equipspares.com/product/ad1212mb-a70gl-adda-12vdc-120x120x25mm-brushless-axial-fan>

Product Description

The ADDA AD1212MB-A70GL is a precision-engineered DC Axial Fan designed for optimal thermal management in industrial and computing environments. Utilizing advanced brushless DC motor technology combined with a robust double ball bearing architecture, this unit ensures minimized friction and extended operational longevity. The aerodynamic impeller design reduces turbulence, thereby lowering acoustic noise while maintaining high static pressure. Constructed with UL94V-0 rated PBT material, the frame offers superior structural rigidity and resistance to environmental stress, making it an ideal solution for systems requiring consistent airflow and low thermal impedance.

Model Number: AD1212MB-A70GL

Brand: ADDA

Product Type: DC Axial Fan

Rated Voltage: 12VDC

Voltage Range: 10.8 - 13.2 VDC

Rated Current: 0.33 A

Power Consumption: 3.96 W

Rated Speed: 2500 RPM

Bearing Type: Double Ball Bearing

Max. Air Flow: 87.8 CFM (149.1 m³/h / 2.48 m³/min)

Max. Static Pressure: 4.0 mmH₂O (39.2 Pa / 0.157 inH₂O)

Dimensions: 120 x 120 x 25 mm

Weight: 156 g

Life Expectancy: 70,000 Hours at 40°C

Noise Level: 38.0 dB(A)

Housing Material: PBT (UL94V-0)

Impeller Material: PBT (UL94V-0)

Termination: 2-Wire Lead

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Motor Protection: Impedance Protected, Reverse Polarity Protection

Certifications: UL, CUL, TUV, CE

The AD1212MB-A70GL is engineered to meet the rigorous cooling demands of high-density electronic assemblies, including server racks, telecommunications enclosures, and industrial automation control panels. Its balanced airflow profile makes it particularly effective for personal computer chassis and workstation cooling where noise suppression is critical. Additionally, the AD1212MB-A70GL serves as a reliable component in medical instrumentation and power supply units, ensuring critical components remain within safe operating temperature ranges to prevent thermal throttling or hardware failure.

Supplemental Images

