

# AD0812MB-A70GL ADDA 12VDC 80x80x25mm 0.15A Axial Fan Datasheet



**Brand:** ADDA

**SKU:** 999585779720

**Category:** Axial & Centrifugal Fans

**Price:** \$15.99

**E-mail:** [sales@equipspares.com](mailto:sales@equipspares.com)

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

Product Page:

<https://www.equipspares.com/product/ad0812mb-a70gl-adda-12vdc-80x80x25mm-0-15a-axial-fan>

## Product Description

---

The ADDA AD0812MB-A70GL is a precision-engineered DC axial fan designed for critical thermal management in compact electronic enclosures. Utilizing advanced brushless DC motor technology, this unit ensures consistent rotational stability and reduced electromagnetic interference, essential for sensitive industrial environments. The rotor is supported by a durable ball bearing system, which significantly lowers the coefficient of friction and enhances long-term reliability under continuous operation compared to sleeve alternatives. Its aerodynamic impeller design optimizes the pressure-to-airflow ratio, effectively overcoming system impedance in dense component layouts. Constructed with high-grade thermoplastic, the frame maintains structural rigidity while adhering to strict flammability standards, making it suitable for industrial and commercial applications requiring sustained thermal dissipation and low thermal impedance.

Model Number: AD0812MB-A70GL

Brand: ADDA

Product Type: DC Axial Fan

Rated Voltage: 12VDC

Voltage Range: 10.8 - 13.2 VDC

Rated Current: 0.15 A

Power: 1.80 W

Rated Speed: 2440 RPM

Bearing Type: Ball Bearing

Max. Air Flow: 33.0 CFM (56.0 m<sup>3</sup>/h / 0.93 m<sup>3</sup>/min)

Max. Static Pressure: 2.8 mmH<sub>2</sub>O (27.4 Pa / 0.11 inH<sub>2</sub>O)

Dimensions: 80x80x25mm

Weight: 86 g

Life Expectancy: 70,000 Hours @ 40°C

Noise Level: 28.0 dB-A

Termination: 2-Wire

Housing Material: PBT (UL94V-0)

Impeller Material: PBT (UL94V-0)

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Certifications: UL, CUL, TUV, CE

Protection: Impedance Protected, Reverse Polarity

This cooling solution is engineered for versatile integration into hardware requiring active ventilation and reliable heat extraction. The AD0812MB-A70GL is frequently deployed in computer chassis, server power supply units (PSUs), and industrial inverters where space is constrained but airflow cannot be compromised. Additionally, the AD0812MB-A70GL serves effectively in telecommunications equipment and variable frequency drives, ensuring critical components remain within safe thermal operating limits during extended duty cycles.

## Supplemental Images

---

