

AD0412MB-G70 ADDA 12VDC 40x40x10mm Low Noise Axial Fan Datasheet



Brand: ADDA

SKU: 974922890694

Category: Axial & Centrifugal Fans

Price: \$11.99

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Product Page:

<https://www.equipspares.com/product/ad0412mb-g70-adda-12vdc-40x40x10mm-low-noise-axial-fan>

Product Description

The ADDA AD0412MB-G70 is a high-precision DC axial fan engineered for critical thermal management in space-constrained environments. Utilizing advanced brushless motor technology, this unit operates on a 12VDC rail with a nominal current draw of 0.08A, ensuring optimal energy efficiency. The fan features a sophisticated bearing architecture designed to minimize friction and enhance structural rigidity, effectively reducing thermal impedance within compact enclosures. Its aerodynamic impeller design is optimized for stable laminar flow, providing consistent cooling performance for sensitive electronic components. Built with industrial-grade materials, the AD0412MB-G70 offers long-term reliability and durability for continuous operation in demanding network and computing infrastructure.

Model Number: AD0412MB-G70

Brand: ADDA

Product Type: DC Axial Fan

Rated Voltage: 12VDC

Voltage Range: 10.8 - 13.2 VDC

Rated Current: 0.08A

Power: 0.96W

Rated Speed: 5000 RPM

Bearing Type: Hypro Bearing

Max. Air Flow: 5.50 CFM (9.34 m³/h / 0.156 m³/min)

Max. Static Pressure: 2.54 mmH₂O (24.91 Pa / 0.10 inH₂O)

Noise Level: 21.0 dB(A)

Dimensions: 40x40x10mm

Weight: 16g

Life Expectancy: 50000 Hours at 25C

Housing Material: Plastic (UL94V-0)

Blade Material: Plastic (UL94V-0)

Termination: 2 Lead Wires

Operating Temperature: -10C to +70C

Storage Temperature: -40C to +70C

Protection Features: Locked Rotor Protection, Polarity Protection

Certifications: UL, CUL, TUV, CE

The AD0412MB-G70 is specifically designed for integration into high-density network switches and telecommunications equipment where space is at a premium. Due to its compact 40mm form factor, the AD0412MB-G70 is an ideal solution for cooling internal components in computer chassis and server racks. It is frequently utilized in medical diagnostic devices and industrial control cabinets to maintain stable operating temperatures. The low power consumption and quiet operation make the AD0412MB-G70 a preferred choice for 24/7 active cooling in sensitive electronic environments.

Supplemental Images

