AD0412LB-G73 ADDA 12VDC 40x40x10mm Low Noise Axial Fan Datasheet

Brand: ADDA

SKU: 959532275070

Category: Axial & Centrifugal Fans

Price: **$11.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/ad0412lb-g73-adda-12vdc-40x40x10mm-low-noise-axial-fan

Product Description

The ADDA AD0412LB-G73 is a precision-engineered DC axial fan designed for applications requiring optimized acoustic performance and thermal management. Utilizing advanced DC brushless motor technology, this unit minimizes electromagnetic interference while maintaining consistent rotational stability. The frame construction ensures high structural rigidity, reducing vibration-induced noise during operation. Its aerodynamic impeller design promotes efficient laminar airflow, effectively lowering thermal impedance in compact electronic enclosures. Engineered with a durable bearing system, the AD0412LB-G73 delivers reliable long-term operation, making it an ideal solution for sensitive instrumentation where noise suppression and airflow efficiency are critical parameters.

Model Number: AD0412LB-G73
Brand: ADDA
Product Type: DC Axial Fan
Rated Voltage: 12 VDC
Voltage Range: 10.8 - 13.2 VDC
Rated Current: 0.08 A
Input Power: 0.96 W
Rated Speed: 4200 RPM
Bearing Type: Ball Bearing
Max. Air Flow: 4.7 CFM (7.98 m^3/h / 0.13 m^3/min)

Max. Static Pressure: 1.78 mmH_2O (17.45 Pa / 0.07 inH_2O)
Noise Level: 21.0 dB(A)
Dimensions: 40 x 40 x 10 mm
Weight: 18 g
Frame Material: PBT (UL94V-0)
Impeller Material: PBT (UL94V-0)
Operating Temperature: -10°C to +70°C
Life Expectancy: 70,000 Hours at 40°C
Termination: 3-Wire Lead with Connector
Speed Control: Tachometer Output (Optional)
Motor Protection: Impedance Protected
Certifications: UL, cUL, TUV, CE

The AD0412LB-G73 is specifically engineered for thermal regulation in compact electronic assemblies, including chipset cooling for Northbridge and Southbridge architectures. Its low-profile design allows for seamless integration into network switches, programmable logic controllers, and telecommunications equipment where space is constrained. Additionally, the AD0412LB-G73 serves as a critical component in medical instrumentation and precision optical devices, ensuring sustained component reliability through consistent heat dissipation without introducing excessive acoustic resonance.

Supplemental Images


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AD0412LB-G73
DC 12V 0.08A
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