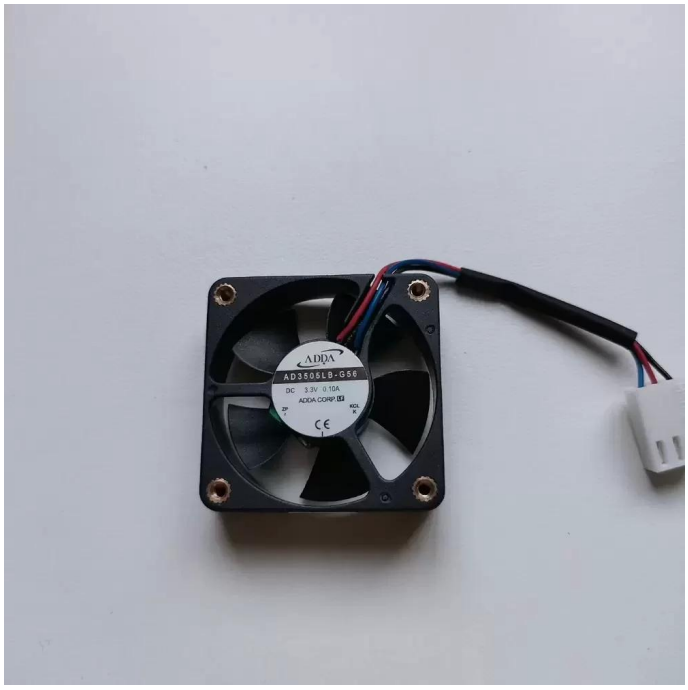
AD3505LB-G56 ADDA 5VDC 0.10A 35x35x10mm Axial Fan Datasheet



Brand: ADDA

SKU: 842741777951

Category: Axial & Centrifugal Fans

Price: **$11.99**

E-mail: sales@equipspares.com

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Product Page:
https://www.equipspares.com/product/ad3505lb-g56-adda-5vdc-0-10a-35x35x10mm-axial-fan

Product Description

The ADDA AD3505LB-G56 is a precision-engineered DC Axial Fan designed for compact thermal management applications requiring high reliability and consistent performance. Utilizing a robust Brushless DC motor architecture paired with a durable Double Ball Bearing system, this unit ensures minimal friction and extended operational lifespan under continuous loads. The aerodynamic impeller design optimizes airflow efficiency while maintaining low acoustic signatures, effectively reducing thermal impedance in dense electronic enclosures. Constructed with high-grade thermoplastic components, the frame offers superior structural rigidity and resistance to environmental stress, making it an ideal solution for critical cooling requirements where space is at a premium.

Model Number: AD3505LB-G56
Brand: ADDA
Product Type: DC Axial Fan
Rated Voltage: 5 VDC
Voltage Range: 3.3 - 5.5 VDC
Rated Current: 0.10 A
Input Power: 0.50 W
Rated Speed: 6500 RPM
Bearing Type: Double Ball Bearing

Max. Air Flow: 5.20 CFM (8.83 m^3/h / 0.14 m^3/min)
Max. Static Pressure: 2.54 mmH_2O (24.91 Pa / 0.10 inH_2O)
Dimensions: 35 x 35 x 10 mm
Weight: 10.5 g
Life Expectancy: 70,000 Hours at 40°C
Noise Level: 24.0 dB(A)
Termination: 3-Wire Leads
Speed Control: Tachometer Output (FG Signal)
Housing Material: PBT Plastic (UL94V-0)
Impeller Material: PBT Plastic (UL94V-0)
Operating Temperature: -10°C to +70°C
Storage Temperature: -40°C to +70°C

The AD3505LB-G56 is frequently integrated into compact electronic assemblies where space constraints demand a low-profile cooling solution without compromising airflow. Common deployment environments include chipset cooling in embedded industrial controllers, handheld medical diagnostic devices, and miniature optical equipment. The AD3505LB-G56 provides consistent thermal regulation in these confined spaces, ensuring sensitive components operate within safe temperature ranges to prevent thermal throttling or hardware failure in mission-critical telecommunications and automation hardware.

Supplemental Images