

AUB0505H Delta 5VDC 50x20mm 2-Wire Industrial Axial Fan Datasheet



Brand: Delta

SKU: [990058168244](#)

Category: Axial & Centrifugal Fans

Price: **\$12.99**

E-mail: sales@equipspares.com

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

Product Page:

<https://www.equipspares.com/product/aub0505h-delta-5vdc-50x20mm-2-wire-industrial-axial-fan>

Product Description

The Delta AUB0505H is a DC Axial Fan engineered for precision thermal management in compact industrial environments. Utilizing advanced DC brushless motor technology, this unit provides exceptional structural rigidity and low thermal impedance, ensuring stable operation under continuous duty cycles. The dual ball bearing architecture is designed to minimize friction and extend service life, even in demanding orientations. Its aerodynamic impeller design is optimized for efficient airflow-to-pressure ratios, making it an ideal solution for localized heat dissipation. The AUB0505H integrates high-grade UL94V-0 plastic housing to maintain integrity in high-temperature scenarios while providing reliable cooling performance.

Model Number: AUB0505H

Brand: Delta

Product Type: Axial Fan

Rated Voltage: 5VDC

Voltage Range: 4.5 - 5.5 VDC

Rated Current: 0.45 A

Power: 2.25 W

Rated Speed: 5000 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 14.80 CFM (25.14 m³/h / 0.419 m³/min)

Max. Static Pressure: 5.60 mmH₂O (54.92 Pa / 0.22 inH₂O)

Dimensions: 50x50x20mm

Weight: 38.0 g

Life Expectancy: 70,000 Hours at 40°C

Noise Level: 34.0 dB(A)

Housing Material: Plastic (UL94V-0)

Blade Material: Plastic (UL94V-0)

Termination: 2-Lead Wires

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +75°C

Protection: Locked Rotor Protection, Reverse Polarity Protection

Certifications: UL, CSA, VDE, CE

The AUB0505H is specifically designed for integration into high-density electronic enclosures where space is at a premium. Common applications for the AUB0505H include network switches, medical diagnostic equipment, and industrial power supplies that require consistent airflow to prevent component overheating. Its robust construction also makes it suitable for 3D printers and small-scale CNC controller cooling, where the AUB0505H ensures long-term reliability and system uptime.

Supplemental Images

