

AFB0605LC Delta 5VDC 60x60x15mm Low Noise Axial Fan Datasheet



Brand: Delta

SKU: [848414988135](#)

Category: Axial & Centrifugal Fans

Price: **\$8.99**

E-mail: sales@equipspares.com

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Product Page:

<https://www.equipspares.com/product/afb0605lc-delta-5vdc-60x60x15mm-low-noise-axial-fan>

Product Description

The Delta AFB0605LC is a precision-engineered DC Axial Fan designed for applications requiring reliable thermal management within a compact footprint. Utilizing advanced DC motor technology and a durable 2 Ball Bearing system, this unit ensures minimal friction and extended operational lifespan compared to sleeve bearing alternatives. The impeller features an optimized aerodynamic profile to maximize airflow efficiency while maintaining a low acoustic signature. Its robust thermoplastic housing provides structural rigidity, making it suitable for continuous operation in demanding industrial environments where thermal impedance must be minimized to protect sensitive electronic components.

Model Number: AFB0605LC

Brand: Delta Electronics

Product Type: DC Axial Fan

Rated Voltage: 5V DC

Voltage Range: 4.5 - 5.5 VDC

Rated Current: 0.18 A

Input Power: 0.90 W

Rated Speed: 3200 RPM

Bearing Type: 2 Ball Bearing

Max. Air Flow: 13.42 CFM (22.80 m³/h / 0.38 m³/min)

Max. Static Pressure: 2.65 mmH₂O (26.0 Pa / 0.10 inH₂O)

Dimensions: 60x60x15mm

Weight: 44.0 g

Noise Level: 25.0 dB-A

Life Expectancy: 70,000 Hours at 40°C

Housing Material: Plastic (UL 94V-0)

Impeller Material: Plastic (UL 94V-0)

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +75°C

Termination: Lead Wires (UL 1007 AWG #24)

Ingress Protection: IP Rating Optional

Safety Certifications: UL, cUL, TUV, CE

Protection: Locked Rotor Protection, Polarity Protection

This cooling solution is widely utilized in compact electronic assemblies, including network switches, small form-factor power supplies, and embedded industrial controllers. The AFB0605LC excels in scenarios where space is constrained but consistent airflow is critical for heat dissipation. Additionally, the AFB0605LC is frequently integrated into medical instrumentation and telecommunications equipment, ensuring component stability by effectively venting waste heat in 24/7 operational cycles.

Supplemental Images

