

AFB0612DH-A Delta 12VDC 60x60x25mm 1.10A Axial Fan Datasheet



Brand: Delta

SKU: [887447832815](#)

Category: Axial & Centrifugal Fans

Price: **\$9.99**

E-mail: sales@equipspares.com

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

Product Page:

<https://www.equipspares.com/product/afb0612dh-a-delta-12vdc-60x60x25mm-1-10a-axial-fan>

Product Description

The Delta AFB0612DH-A is a high-efficiency DC Axial Fan engineered for applications demanding aggressive thermal management and high static pressure capabilities. Utilizing advanced DC brushless motor technology paired with a robust dual ball bearing architecture, this unit provides exceptional rotational stability and extended service life under continuous load. The aerodynamic impeller design is optimized to minimize thermal impedance while maximizing airflow against high system resistance, ensuring critical components remain within safe operating temperatures. Its durable thermoplastic construction offers superior structural rigidity, making it a reliable solution for harsh industrial and computing environments.

Model Number: AFB0612DH-A

Brand: Delta Electronics

Product Type: DC Axial Fan

Rated Voltage: 12VDC

Voltage Range: 7.0 - 13.8 VDC

Rated Current: 1.10 A

Power: 13.2 W

Rated Speed: 9000 RPM

Max. Air Flow: 50.43 CFM (85.68 m³/h / 1.43 m³/min)

Max. Static Pressure: 23.52 mmH₂O (230.65 Pa / 0.93 inH₂O)

Dimensions: 60x60x25mm

Weight: 80g

Bearing Type: Dual Ball Bearing

Life Expectancy: 70,000 hrs at 40°C

Noise Level: 55.0 dB-A

Housing Material: Plastic (UL94V-0)

Blade Material: Plastic (UL94V-0)

Ingress Protection: IP20 (Standard)

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Termination: Lead Wires

Safety Certifications: UL, CUL, TUV, CE

The AFB0612DH-A is specifically designed for high-density electronic enclosures where space is limited and backpressure is high. It is widely utilized in server racks and telecommunications cabinets to maintain optimal airflow across tightly packed components. Additionally, the AFB0612DH-A serves as a critical cooling component in industrial automation power supplies, CNC control systems, and medical instrumentation, providing the necessary thermal regulation to ensure equipment reliability and longevity.

Supplemental Images

