

AFB0612DH-EDY Delta 12VDC 60x60x25mm Axial Fan Datasheet



Brand: Delta

SKU: 996325322125

Category: Axial & Centrifugal Fans

Price: **\$13.99**

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Product Page: <https://www.equipspares.com/product/afb0612dh-edy-delta-12vdc-60x60x25mm-axial-fan>

Product Description

The Delta AFB0612DH-EDY is a high-density axial cooling fan designed for demanding thermal management in compact industrial environments. Operating at a rated 12VDC, this 60x60x25mm unit delivers an exceptional balance of static pressure and airflow, reaching speeds of 9000 RPM. Engineered with a robust dual ball bearing system, the AFB0612DH-EDY ensures long-term reliability and continuous operation under high thermal loads. This industrial cooling fan is optimized for precision cooling, featuring a 4-wire interface for advanced pulse width modulation (PWM) speed control, making it an ideal solution for high-performance server and telecommunications hardware requiring 12VDC power input and 60mm form factor compatibility.

Model Number: AFB0612DH-EDY

Brand: Delta Electronics

Product Type: Axial Fan

Rated Voltage: 12VDC

Voltage Range: 7.0 - 13.8 VDC

Rated Current: 1.10A

Power: 13.2W

Rated Speed: 9000 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 50.43 CFM (1.428 m³/min)

Max. Static Pressure: 24.51 mmH₂O (0.965 inH₂O)

Dimensions: 60x60x25mm

Weight: 80g

Life Expectancy: 70,000 Hours at 40C

Noise Level: 55.0 dB-A

Speed Control: PWM Control

Output Signal: Tachometer / F00 Sensor

Termination: 4-Lead Wires

Housing Material: Plastic (UL 94V-0)

Blade Material: Plastic (UL 94V-0)

Operating Temperature: -10 to 70C

Storage Temperature: -40 to 75C

Protection Features: Locked Rotor Protection, Reverse Polarity Protection

Insulation Class: Class A

Certifications: UL, CUL, TUV, CE

The Delta AFB0612DH-EDY is specifically engineered for high-density computing environments such as 1U/2U server racks and network switches where space is limited but heat dissipation requirements are extreme. In industrial automation, the AFB0612DH-EDY provides critical cooling for CNC control cabinets and power supply units that operate in continuous duty cycles. Its high static pressure capabilities also make it suitable for medical imaging equipment and telecommunications base stations where airflow must overcome significant internal resistance.

Supplemental Images

