

# AFB0812SH-F00 Delta 12VDC 80x80x25mm Axial Fan Datasheet



**Brand:** Delta

**SKU:** [758016241349](#)

**Category:** Axial & Centrifugal Fans

**Price:** **\$14.99**

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Product Page: <https://www.equipspares.com/product/afb0812sh-f00-delta-12vdc-80x80x25mm-axial-fan>

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## Product Description

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The Delta AFB0812SH-F00 is a precision-engineered Axial Fan designed for critical thermal management applications requiring sustained airflow and structural rigidity. Utilizing advanced DC brushless motor technology paired with a durable dual ball bearing architecture, this unit ensures minimal friction and extended operational longevity under continuous load. The aerodynamic impeller design optimizes static pressure capabilities while maintaining thermal impedance within efficient limits. Constructed with UL94V-0 rated thermoplastic, the AFB0812SH-F00 offers robust resistance to environmental stress, making it an ideal solution for industrial cooling requirements where reliability and performance stability are paramount.

Model Number: AFB0812SH-F00

Brand: Delta Electronics

Product Type: DC Axial Fan

Rated Voltage: 12 VDC

Voltage Range: 7.0 - 13.8 VDC

Rated Current: 0.51 A

Power: 6.12 W

Rated Speed: 4000 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 46.62 CFM (79.21 m<sup>3</sup>/h / 1.32 m<sup>3</sup>/min)

Max. Static Pressure: 6.78 mmH<sub>2</sub>O (66.49 Pa / 0.27 inH<sub>2</sub>O)

Dimensions: 80 x 80 x 25.4 mm

Weight: 80 g

Life Expectancy: 70,000 Hours at 40°C

Noise Level: 40.0 dB-A

Output Signal: Frequency Generator (Tachometer/F00)

Housing Material: Plastic (UL94V-0)

Impeller Material: Plastic (UL94V-0)

Termination: 3-Wire Lead

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +75°C

Ingress Protection: IP Rating Available upon request

The AFB0812SH-F00 is engineered for deployment in high-density electronic enclosures, including server racks, telecommunications chassis, and industrial automation control panels. Its robust airflow characteristics make the AFB0812SH-F00 particularly effective in removing waste heat from power supply units and workstation CPUs, ensuring component stability in 24/7 operational environments.

## Supplemental Images

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