AFB1212SH-5C54 Delta 12VDC 0.80A 120x120x25mm Axial Fan Datasheet

Brand: Delta

SKU: 666537254304

Category: Axial & Centrifugal Fans

Price: **$25.57**

E-mail: sales@equipspares.com

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Product Page:
https://www.equipspares.com/product/afb1212sh-5c54-delta-12vdc-0-80a-120x120x25mm-axial-fan

Product Description

The Delta AFB1212SH-5C54 is a high-performance DC brushless axial fan measuring 120 x 120 x 25 mm, engineered with a dual ball bearing system for extended operational life. Operating at a nominal 12 VDC with a rated current of 0.80 A, this unit delivers a substantial airflow of 113.11 CFM and a static pressure of 10.92 mmH2O at a rotational speed of 3400 RPM. The construction features a UL 94V-0 rated thermoplastic PBT frame and impeller, integrated with a 4-wire interface supporting PWM speed control for precise thermal management. Its internal mechanism is designed for continuous duty, providing a calculated life expectancy of 70,000 hours at 40 °C while maintaining a noise emission level of 46.5 dBA.

AFB1212SH-5C54 Specifications
Model Number: AFB1212SH-5C54
Brand: Delta Electronics
Category: DC Axial Fan
Dimensions: 120 x 120 x 25.4 mm
Rated Voltage: 12 VDC
Operating Voltage Range: 7.0 to 13.8 VDC
Rated Current: 0.80 A
Input Power: 9.6 W
Rated Speed: 3400 RPM

Maximum Airflow: 113.11 CFM (3.203 m^3/min)
Maximum Static Pressure: 10.92 mmH2O (0.430 inchH2O)
Noise Level: 46.5 dBA
Bearing Type: Dual Ball Bearing
Termination: 4-wire lead (PWM Control)
Material Frame: Plastic (UL 94V-0 PBT)
Material Impeller: Plastic (UL 94V-0 PBT)
Operating Temperature: -10 to +60 °C
Storage Temperature: -40 to +75 °C
Life Expectancy: 70,000 hours at 40 °C
Weight: 198 g
Safety Approvals: UL, CSA, VDE, CE

AFB1212SH-5C54 Applications

Primary applications include integration into high-density server enclosures, multi-GPU mining rigs, and industrial switching power supplies requiring active thermal regulation. Deployed within telecommunications base stations, CNC control cabinets, and professional-grade workstation chassis to facilitate high-volume heat dissipation across critical electronic components.

Supplemental Images