PFB0848DHE-ASH Delta 54VDC 80x80x38mm Server Cooling Axial Fan Datasheet

Brand: Delta

SKU: 762488113887

Category: Axial & Centrifugal Fans

Price: **$15.99**

E-mail: sales@equipspares.com

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Product Page:
https://www.equipspares.com/product/pfb0848dhe-ash-delta-54vdc-80x80x38mm-server-cooling-axial-fan

Product Description

The Delta PFB0848DHE-ASH is a robust DC axial fan engineered for critical thermal management in high-density environments. Utilizing advanced brushless DC motor technology and a precision dual ball bearing architecture, this unit ensures minimal friction and extended operational longevity under continuous load. The aerodynamic impeller design optimizes airflow dynamics to reduce thermal impedance, while the reinforced frame provides structural rigidity essential for vibration resistance. Designed for industrial and server-grade applications, it delivers consistent cooling performance to maintain system stability under varying voltage conditions.

Model Number: PFB0848DHE-ASH
Brand: Delta Electronics
Product Type: DC Axial Fan
Rated Voltage: 54 VDC
Voltage Range: 48.0 - 54.0 VDC
Rated Current: 1.00 A
Power Consumption: 54.0 W
Rated Speed: 9000 RPM
Bearing Type: Dual Ball Bearing
Max. Air Flow: 132.56 CFM (225.22 m^3/h / 3.75 m^3/min)
Max. Static Pressure: 36.30 mmH_2O (355.98 Pa / 1.43 inH_2O)

Dimensions: 80 x 80 x 38 mm
Weight: 205 g
Life Expectancy: 70,000 Hours at 40°C
Noise Level: 65.0 dB-A
Housing Material: Plastic (UL 94V-0)
Impeller Material: Plastic (UL 94V-0)
Ingress Protection: IP20
Operating Temperature: -10°C to +60°C
Storage Temperature: -40°C to +70°C
Termination: Lead Wires

This cooling solution is specifically calibrated for high-demand environments such as enterprise server racks, telecommunications base stations, and precision CNC machinery. The PFB0848DHE-ASH excels in restricted spaces where high static pressure is required to overcome system resistance. Additionally, the PFB0848DHE-ASH is suitable for network switches and industrial power supply units, ensuring reliable heat dissipation to prevent component throttling and extend hardware lifecycles.

Supplemental Images


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