

THD0948HE-ABGA Delta 48VDC 92x92x38mm PWM Axial Fan Datasheet



Brand: Delta

SKU: [895428721240](#)

Category: Axial & Centrifugal Fans

Price: **\$21.99**

E-mail: sales@equipspares.com

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Product Page:

<https://www.equipspares.com/product/thd0948he-abga-delta-48vdc-92x92x38mm-pwm-axial-fan>

Product Description

The Delta THD0948HE-ABGA is a high-performance Axial Fan engineering for mission-critical thermal management in demanding environments. Utilizing advanced DC brushless motor technology paired with a precision dual ball bearing architecture, this unit minimizes thermal impedance while maintaining exceptional structural rigidity. The aerodynamic impeller design is optimized to deliver superior static pressure, ensuring efficient heat dissipation in dense electronic enclosures and high-resistance systems.

Model Number: THD0948HE-ABGA

Brand: Delta Electronics

Product Type: Axial Fan

Rated Voltage: 48VDC

Voltage Range: 36.0 - 56.0 VDC

Rated Current: 1.50A

Power: 72.0 W

Rated Speed: 7400 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 160.2 CFM (272.1 m³/h / 4.53 m³/min)

Max. Static Pressure: 38.5 mmH₂O (377.5 Pa / 1.51 inH₂O)

Dimensions: 92x92x38mm

Weight: 295 g

Life Expectancy: 70000 hrs at 40°C

Speed Control: PWM

Ingress Protection: IP68 (Waterproof/Potting)

Noise Level: 69.5 dB-A

Insulation Class: Class A

Housing Material: PBT Plastic (UL94V-0)

Impeller Material: PBT Plastic (UL94V-0)

Termination: 4-Wire Leads

Operating Temperature: -10°C ~ +70°C

Safety Protection: Locked Rotor, Polarity Protection

Designed for rigorous industrial applications, the THD0948HE-ABGA excels in scenarios requiring high-velocity airflow and resistance to environmental contaminants. It is ideally suited for high-density server racks, outdoor telecommunications cabinetry, and cooling for heavy-duty CNC machinery where fluid exposure is a risk. The waterproof capabilities of the THD0948HE-ABGA make it a robust solution for marine electronics and ruggedized industrial power supplies.

Supplemental Images

