

THB1348BE-CE4 Delta 48VDC 134x134x38mm PWM Axial Fan Datasheet



Brand: Delta

SKU: [918548846902](#)

Category: Axial & Centrifugal Fans

Price: **\$29.99**

E-mail: sales@equipspares.com

Web: <https://www.equipspares.com>

Product Page:

<https://www.equipspares.com/product/thb1348be-ce4-delta-48vdc-134x134x38mm-pwm-axial-fan>

Product Description

The Delta THB1348BE-CE4 is a high-performance Axial Fan engineered for critical thermal management in telecommunications and server infrastructure. Featuring a robust aluminum die-cast frame, this unit offers exceptional structural rigidity and heat dissipation properties, essential for high-vibration industrial environments. The motor utilizes advanced DC technology to drive the impeller to speeds of 13700 RPM, effectively overcoming high thermal impedance in dense systems. Its aerodynamic design maximizes static pressure, delivering up to 288 mmH₂O, while the integrated PWM circuit allows for precise speed modulation. This specific model features a unique control curve where maximum speed is achieved at 90% duty cycle, ensuring optimal cooling efficiency under varying load conditions.

Model Number: THB1348BE-CE4

Brand: Delta

Product Type: Axial Fan

Rated Voltage: 48 VDC

Voltage Range: 45.0 - 60.0 VDC

Rated Current: 13.0 A (Safety Label) / 5.2 A (Typical Operating)

Power: ~250 W (Based on Operating Current)

Rated Speed: 13700 RPM ±10%

Bearing Type: Ball Bearing

Max. Air Flow: 428.0 CFM (727.2 m³/h / 12.12 m³/min)

Max. Static Pressure: 288.0 mmH₂O (2824.3 Pa / 11.34 inH₂O)

Dimensions: 134 x 134 x 38 mm

Weight: 730 g

Noise Level: 82.0 - 87.0 dB-A

Frame Material: Aluminum Die-Cast

Speed Control: PWM (Specific Logic: Max Speed at 90% Duty Cycle)

Default Speed: 8500 RPM (at 0% or 100% Duty Cycle/Disconnected)

Termination: Lead Wires

Mounting Orientation: Any

Application: Server/Telecom/CISCO Equipment

The THB1348BE-CE4 is specifically designed for high-density server racks, CISCO communication equipment, and industrial machinery requiring extreme airflow and static pressure. Due to its high-speed operation and aluminum construction, the THB1348BE-CE4 is ideal for cooling components with significant heat generation where standard plastic fans would fail structurally or thermally.

Supplemental Images

