

THA1248BE-A04 Delta 48V 2.49A DC axial cooling fan

SKU: THA1248BE-A04

Price: \$17.14

Categories: Fans

Tags: Delta

Product Link:

<https://www.electspares.com/product/tha1248be-a04-delta-48v-2-49a-dc-axial-cooling-fan/>

Product Description

The Delta THA1248BE-A04 is an ultra-high performance 48V DC axial cooling fan from Delta Electronics. Measuring 120mm x 120mm x 38mm, this fan is engineered for the most demanding thermal management scenarios. It operates at a rated voltage of 48V DC and draws an exceptional current of 2.49A, resulting in a substantial power consumption of 119.52W. This immense power allows it to achieve an extremely high rotational speed of 8200 RPM, generating a massive airflow of 340 CFM and a very high static pressure of 3.3 inch-H₂O. Due to its extreme performance, its noise level is 75 dBA. The fan features robust ball bearings for an extended operational lifespan of 70,000 hours at 40°C. It typically comes with 4-wire leads, which commonly include power, ground, a tachometer output for speed monitoring, and a PWM input for speed control. The frame is constructed from durable die-casting aluminum.

Model Number: THA1248BE-A04

Manufacturer: Delta Electronics

Type: DC Axial Cooling Fan

Dimensions: 120mm x 120mm x 38mm

Rated Voltage: 48V DC

Operating Voltage Range: 36.0V - 60.0V DC

Rated Current: 2.49A

Rated Power: 119.52W

Speed: 8200 RPM

Airflow: 340 CFM (9.63 m³/min)

Static Pressure: 3.3 inch-H₂O (83.5 mmH₂O)

Noise Level: 75 dBA

Connector: 4-Wire Leads (Power, Ground, Speed Sensor/Tachometer, PWM Control)

Bearing Type: Ball Bearing

Life Expectancy: 70,000 hours at 40°C

Frame Material: Die-Casting Aluminum

Impeller (Blade) Material: Plastic

Features: Locked Rotor Protection, PWM Control, Speed Sensor (Tachometer)

Operating Temperature: -10°C to +60°C

Product Images









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