

AFB1548EH-C-SP12 Delta 48VDC 172x150x25mm 4-Wire Axial Fan Datasheet



Brand: Delta

SKU: [948159323780](#)

Category: Axial & Centrifugal Fans

Price: **\$42.99**

E-mail: sales@equipspares.com

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Product Page:

<https://www.equipspares.com/product/afb1548eh-c-sp12-delta-48vdc-172x150x25mm-4-wire-axial-fan>

Product Description

The Delta AFB1548EH-C-SP12 is a precision-engineered DC Axial Fan designed for high-static pressure industrial environments. Utilizing advanced aerodynamic blade geometry and a durable Two Ball Bearing system, this unit optimizes thermal impedance reduction while maintaining structural rigidity under high-speed operation. The 48VDC motor integrates sophisticated commutation electronics to ensure consistent torque delivery and longevity. Its slim profile allows for efficient integration into space-constrained enclosures, delivering robust airflow performance essential for critical thermal management in demanding electromechanical systems.

Model Number: AFB1548EH-C-SP12

Brand: Delta Electronics

Product Type: DC Axial Fan

Rated Voltage: 48 VDC

Voltage Range: 28.0 - 56.0 VDC

Rated Current: 1.50 A

Power: 72.0 W

Rated Speed: 4800 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 260.5 CFM (442.6 m³/h / 7.37 m³/min)

Max. Static Pressure: 22.5 mmH₂O (220.6 Pa / 0.88 inH₂O)

Dimensions: 172 x 150 x 25.4 mm

Weight: 350 g

Life Expectancy: 70,000 Hours @ 40°C

Noise Level: 62.5 dB-A

Speed Control: PWM / Tachometer (4-Wire)

Frame Material: Aluminum Die-Cast / PBT

Blade Material: Thermoplastic PBT (UL94V-0)

Ingress Protection: IP55

Insulation Class: Class A

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +75°C

Termination: 4-Wire Lead with Connector

Mounting Orientation: Any

Safety Protection: Locked Rotor, Polarity Protection

Engineered for rigorous duty cycles, the AFB1548EH-C-SP12 is ideally suited for industrial control chassis and high-density server rack cooling solutions where space is at a premium. The slim form factor allows the AFB1548EH-C-SP12 to be mounted in tight clearance areas within telecommunications equipment and power supply units, ensuring rapid heat dissipation for sensitive electronic components.

Supplemental Images

