

BFB04512HHA-9A23 Delta 12VDC 45x45x10mm Blower Fan Datasheet



Brand: Delta

SKU: [676190056939](#)

Category: Axial & Centrifugal Fans

Price: **\$10.99**

E-mail: sales@equipspares.com

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Product Page:

<https://www.equipspares.com/product/bfb04512hha-9a23-delta-12vdc-45x45x10mm-blower-fan>

Product Description

The Delta BFB04512HHA-9A23 is a DC Centrifugal Blower engineered for applications requiring concentrated airflow and high static pressure within a compact footprint. Utilizing advanced motor technology, this unit optimizes thermal impedance management while maintaining structural rigidity under operational load. The aerodynamic volute design ensures efficient air delivery, making it suitable for precision cooling in space-constrained industrial environments.

Model Number: BFB04512HHA-9A23

Brand: Delta Electronics

Product Type: DC Blower Fan

Rated Voltage: 12VDC

Voltage Range: 7.0 - 13.2 VDC

Rated Current: 0.26 A

Power: 3.12 W

Rated Speed: 6500 RPM

Bearing Type: Ball Bearing

Max. Air Flow: 4.5 CFM (7.65 m³/h)

Max. Static Pressure: 14.0 mmH₂O (137 Pa)

Dimensions: 45 x 45 x 10 mm

Weight: 18 g

Life Expectancy: 50,000 Hours @ 40°C

Termination: 2-Wire Lead

Housing Material: PBT (UL94V-0)

Blade Material: PBT (UL94V-0)

Operating Temperature: -10 to 70 °C

Storage Temperature: -40 to 70 °C

Noise Level: 38.0 dB-A

Mounting Orientation: Any

The BFB04512HHA-9A23 is specifically designed for integration into compact electronic assemblies where directed cooling is critical. Common deployments include cooling chipsets in server racks, micro-projectors, and specialized medical instrumentation requiring reliable thermal dissipation. The BFB04512HHA-9A23 ensures consistent performance in CNC control modules and telecommunications equipment, effectively managing heat in high-density component layouts.

Supplemental Images

