

BFB0512LA-CQ63 Delta 12V 0.08A DC Blower

SKU: BFB0512LA-CQ63

Price: \$9.99

Categories: Fans

Tags: Delta

Product Link:

<https://www.electspares.com/product/bfb0512la-cq63-delta-12v-0-08a-dc-blower/>

Product Description

The Delta BFB0512LA-CQ63 is a compact DC Blower with dimensions of 50 x 50 x 10.30 mm. Operating on a nominal voltage of 12VDC with a current draw of 0.08 A, it consumes 0.96 W of power. This fan achieves a speed of 3500 RPM, delivering an airflow of 3.72 m³/h (2.19 CFM) and a maximum static pressure of 0.208 inAq (51.8 Pa). Utilizing reliable Ball Bearings and featuring 3-Wire connectivity with PWM speed control, this blower is designed for highly precise, variable-speed forced-air cooling in dynamic environments like embedded industrial systems and compact computing hardware.

BFB0512LA-CQ63 Fan Parameters

Model: BFB0512LA-CQ63

Manufacturer: Delta Electronics

Type: DC Blower (Centrifugal Fan)

Dimensions: 50 x 50 x 10.30 mm

Motor Design: Brushless DC Motor

Nominal Voltage: 12VDC

Current Draw: 0.08 A

Power Consumption: 0.96 W

Speed: 3500 RPM

Airflow: 3.72 m³/h (2.19 CFM)

Static Pressure: 0.208 inAq (51.8 Pa)

Noise Level: 22.5 dBA

Bearings: Ball Bearings

Termination: 3 Wire Leads (PWM Control)

Application

The BFB0512LA-CQ63 blower is optimized for use in applications that demand both a compact

form factor and dynamic thermal management. The integration of PWM control via its 3-Wire interface allows the system to adjust the fan speed precisely based on component temperature, reducing noise and conserving power when full performance is not required. This makes it an excellent choice for telecom equipment, small form-factor servers, and industrial automation controllers.

Product Images



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