

EFB0412LD-F00 Delta 12V DC Axial Fan 40mm

SKU: EFB0412LD-F00

Price: \$9.99

Categories: Fans

Tags: Delta

Product Link:

<https://www.electspares.com/product/efb0412ld-f00-delta-12v-dc-axial-fan-40mm/>

Product Description

The Delta EFB0412LD-F00 is a low-noise DC Axial Fan with dimensions of 40 x 40 x 20 mm. It operates on a nominal voltage of 12 VDC. The fan achieves a speed of 5000 RPM, consuming 0.96 W of power and drawing a maximum current of 0.08 A. It delivers a maximum air flow of 9.4 m³/h (5.54 CFM) and a maximum static pressure of 33.3 Pa (0.133 inAq). This fan features a reliable Ball Bearing system and utilizes a three-wire termination with a tachometer (FG) output, making it ideal for systems requiring quiet and monitored cooling in compact spaces.

EFB0412LD-F00 Fan Parameters

Model: EFB0412LD-F00

Manufacturer: Delta Electronics

Type: DC Axial Fan (Low Noise, Tachometer)

Dimensions (measuring): 40 x 40 x 20 mm

Nominal Voltage: 12 VDC

Voltage Range: 7 VDC ~ 13.8 VDC

Speed: 5000 RPM

Power Consumption: 0.96 W

Current Draw: 0.08 A

Max. Airflow: 9.4 m³/h (5.54 CFM)

Max. Static Pressure: 33.3 Pa (0.133 inAq)

Noise Level: 22 dB(A)

Weight: 33 g

Housing Material: Plastic (UL94V-0)

Impeller Material: Plastic (UL94V-0)

Number of Blades: 5

Bearing Type: Ball Bearing

Motor Design: Brushless DC Motor

Motor Protection: Locked Rotor Protection, Auto-Restart

Termination: 3 Wire Leads

Monitor Output: Yes (Tachometer/FG)

Service Life L10 at 40 °C: 70000 h

Min. Ambient Temperature: -10 °C

Max. Ambient Temperature: 70 °C

Approvals: UL, TUV, CE

Application

The Delta EFB0412LD-F00 fan is engineered for effective cooling in small electronic devices and equipment where both minimal noise and operational monitoring are required. Primary applications include cooling compact networking equipment, embedded systems, small form-factor PCs, and medical devices.

Product Images



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