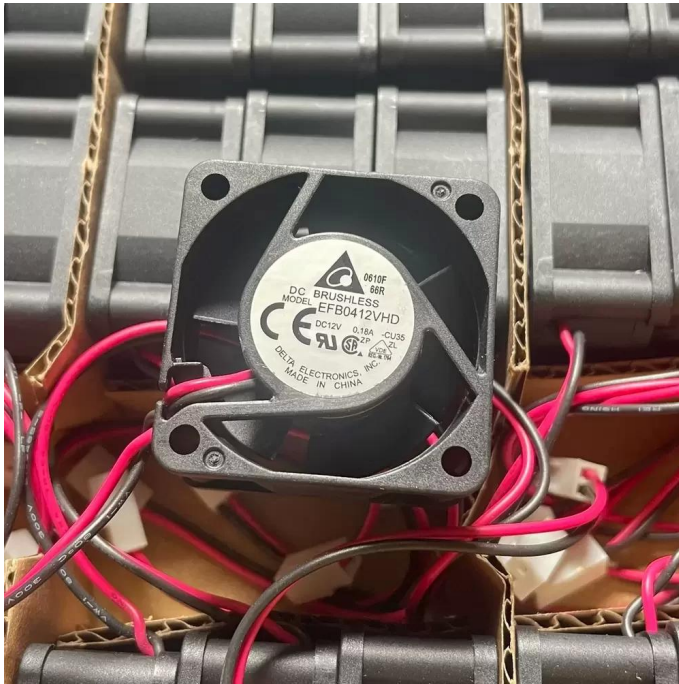


EFB0412VHD-CU35 Delta 12VDC 40x40x20mm Axial Fan Datasheet



Brand: Delta

SKU: [847948236246](#)

Category: Axial & Centrifugal Fans

Price: **\$15.99**

E-mail: sales@equipspares.com

Web: <https://www.equipspares.com>

Product Page:

<https://www.equipspares.com/product/efb0412vhd-cu35-delta-12vdc-40x40x20mm-axial-fan>

Product Description

The Delta EFB0412VHD-CU35 is a high-performance Axial Fan engineered for critical thermal management in compact electronic environments. Featuring advanced DC brushless motor technology and a robust ball bearing architecture, this unit delivers superior airflow dynamics while maintaining exceptional structural rigidity. The aerodynamic impeller design minimizes turbulence and acoustic noise, effectively reducing thermal impedance in high-density applications. Designed for continuous operation, the fan ensures reliable cooling performance, making it an essential component for maintaining system stability in demanding industrial and IT infrastructures.

Model Number: EFB0412VHD-CU35

Brand: Delta Electronics

Product Type: DC Axial Fan

Rated Voltage: 12VDC

Operating Voltage Range: 7.0 - 13.8 VDC

Rated Current: 0.18 A

Input Power: 2.16 W

Rated Speed: 9000 RPM

Bearing Type: Ball Bearing

Max. Air Flow: 10.10 CFM (17.16 m³/h)

Max. Static Pressure: 0.42 inH₂O (10.7 mmH₂O)

Noise Level: 32.5 dB-A

Dimensions: 40 x 40 x 20 mm

Termination: 2-Wire Lead

Housing Material: Thermoplastic PBT (UL94V-0)

Blade Material: Thermoplastic PBT (UL94V-0)

Operating Temperature: -10°C to +70°C

Life Expectancy: 70,000 Hours at 40°C

Weight: 33 g

Ingress Protection: IP5X

The EFB0412VHD-CU35 is specifically optimized for space-constrained hardware such as 1U rack-mount servers and high-speed network switches. Its compact 40mm footprint allows for seamless integration into telecommunications equipment, industrial automation controllers, and precision medical devices. By delivering concentrated airflow, the EFB0412VHD-CU35 effectively dissipates heat from sensitive components, ensuring operational continuity in mission-critical systems.

Supplemental Images

