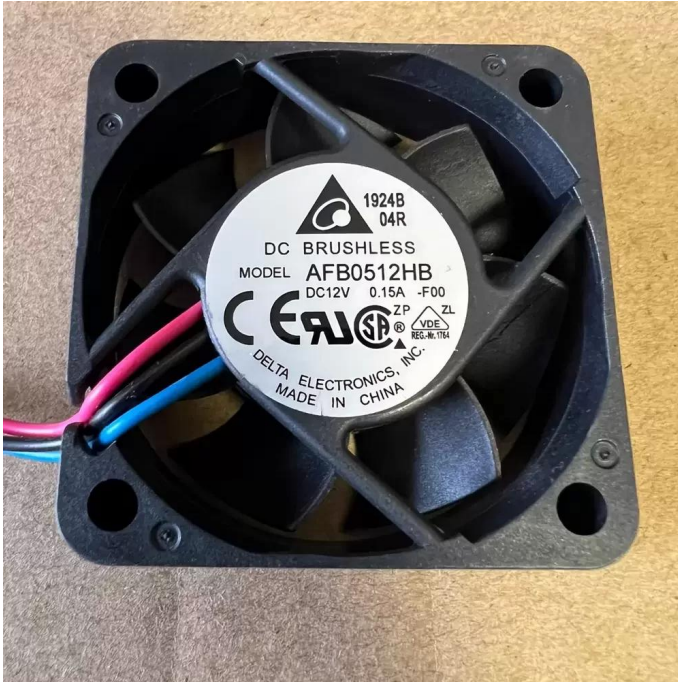


AFB0512HB-F00 Delta 12VDC 1.2W 50x50x15mm Axial Fan Datasheet



Brand: Delta

SKU: [1045334709791](#)

Category: Axial & Centrifugal Fans

Price: **\$37.29**

E-mail: sales@equipspares.com

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

Product Page:

<https://www.equipspares.com/product/afb0512hb-f00-delta-12vdc-1-2w-50x50x15mm-axial-fan>

Product Description

Delta AFB0512HB-F00 50 x 50 x 15 mm 12 VDC 1.2 W axial cooling fan provides 12.71 CFM airflow at 4800 RPM. The unit features a dual ball bearing system and a plastic impeller and frame rated to UL 94V-0 flammability standards. It utilizes a 3-wire interface including a Frequency Generator (FG) signal for speed monitoring. The internal brushless DC motor is protected by impedance and polarity protection mechanisms. Airflow is directed over the struts with clockwise rotation viewed from the impeller side.

AFB0512HB-F00 Specifications

Model: AFB0512HB-F00

Brand: Delta Electronics

Category: DC Axial Fan

Dimensions: 50 x 50 x 15 mm

Rated Voltage: 12 VDC

Operating Voltage Range: 7.0 to 13.8 VDC

Input Current: 0.10 A

Input Power: 1.20 W

Rated Speed: 4800 RPM

Maximum Air Flow: 0.360 m³/min (12.71 CFM)

Maximum Air Pressure: 4.10 mmH₂O (0.161 inH₂O)

Acoustic Noise: 32.0 dB-A

Bearing Type: Dual Ball Bearing

Lead Wire: UL 1007 AWG #24 (Red/Black/Blue)

Function: FG (Frequency Generator) Tachometer Output

Material Frame: Plastic (UL 94V-0)

Material Impeller: Plastic (UL 94V-0)

Operating Temperature: -10 to +70 °C

Storage Temperature: -40 to +75 °C

Weight: 38 g

Protection: Polarity Protection, Impedance Protection

Certifications: UL, CSA, VDE, CE

AFB0512HB-F00 Applications

Primary applications include integration into network switches, telecommunications power supplies, and compact server rack enclosures. Deployed within medical diagnostic equipment, industrial automation controllers, and high-density LED driver thermal management systems.

Supplemental Images

