

AFB0612VHD-V86 Delta 12VDC 2.16W 60x60x20mm PWM Fan Datasheet



Brand: Delta

SKU: [1046021465847](#)

Category: Axial & Centrifugal Fans

Price: **\$27.29**

E-mail: sales@equipspares.com

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Product Page:

<https://www.equipspares.com/product/afb0612vhd-v86-delta-12vdc-2-16w-60x60x20mm-pwm-fan>

Product Description

Delta AFB0612VHD-V86 is a 60 x 60 x 20 mm axial fan operating at 12 VDC with a 2.16 W power rating and 4800 RPM rotational speed. The unit features a dual ball bearing system and a 4-wire interface supporting PWM speed control. The frame and impeller are constructed from UL 94V-0 rated thermoplastic. It delivers 19.78 CFM airflow and 7.00 mmH₂O static pressure while maintaining a noise level of 33.0 dBA.

AFB0612VHD-V86 Specifications

Model: AFB0612VHD-V86

Brand: Delta Electronics

Category: DC Axial Fan

Dimensions: 60 x 60 x 20 mm

Rated Voltage: 12 VDC

Operating Voltage Range: 7.0 to 13.8 VDC

Rated Current: 0.18 A

Maximum Safety Current: 0.27 A

Rated Power: 2.16 W

Rated Speed: 4800 RPM

Maximum Airflow: 19.78 CFM (0.560 m³/min)

Maximum Static Pressure: 7.00 mmH₂O (0.275 inH₂O)

Noise Level: 33.0 dBA

Bearing Type: Dual Ball Bearing

Interface: 4-wire (PWM Control)

Material: Plastic (UL 94V-0)

Operating Temperature: -10 to +70 °C

Storage Temperature: -40 to +75 °C

Weight: 62 g

Life Expectancy: 70,000 hours at 40 °C

AFB0612VHD-V86 Applications

Primary applications include integration into server rack cooling modules, telecommunications switching equipment, and industrial power supply thermal management systems. Deployed within medical diagnostic imaging hardware and high-density network storage arrays for precise component temperature regulation.

Supplemental Images

