

AFB0612HC Delta 12VDC 60x60x13mm 0.21A DC Axial Fan Datasheet



Brand: Delta

SKU: [777221546205](#)

Category: Axial & Centrifugal Fans

Price: **\$9.99**

E-mail: sales@equipspares.com

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

Product Page:

<https://www.equipspares.com/product/afb0612hc-delta-12vdc-60x60x13mm-0-21a-dc-axial-fan>

Product Description

The Delta AFB0612HC is a DC Axial Fan engineered for precision thermal management in compact electronic assemblies. Utilizing advanced DC brushless motor technology paired with a robust dual ball bearing architecture, this unit ensures minimized friction and extended operational longevity under continuous load. The aerodynamic impeller design optimizes airflow efficiency while maintaining structural rigidity, effectively reducing thermal impedance in high-density environments. Its UL94V-0 rated housing provides essential fire resistance, making it a reliable component for critical industrial and computing applications requiring consistent static pressure and volumetric flow.

Model Number: AFB0612HC

Brand: Delta Electronics

Product Type: DC Axial Fan

Rated Voltage: 12 VDC

Voltage Range: 7.0 - 13.8 VDC

Rated Current: 0.21 A

Input Power: 2.52 W

Rated Speed: 4200 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 21.20 CFM (36.02 m³/h / 0.60 m³/min)

Max. Static Pressure: 3.62 mmH₂O (35.50 Pa / 0.14 inH₂O)

Dimensions: 60 x 60 x 13 mm

Weight: 44 g

Noise Level: 32.0 dB-A

Life Expectancy: 70,000 Hours at 40°C

Termination: 2-Wire Lead (Red +, Black -)

Housing Material: Plastic (UL94V-0)

Impeller Material: Plastic (UL94V-0)

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +75°C

Ingress Protection: IP20

Insulation Class: Class A

Safety Certifications: UL, cUL, TUV, CE

Protection: Locked Rotor Protection, Polarity Protection

Designed for versatility in thermal regulation, the AFB0612HC is frequently integrated into compact server chassis, CPU cooling solutions, and small form-factor industrial power supplies. Its slim profile allows for installation in space-constrained enclosures found in telecommunications equipment and network switches. Additionally, the AFB0612HC serves as a critical cooling component in medical instrumentation and automated control panels where reliable heat dissipation is necessary to prevent component degradation.

Supplemental Images

