

JF0515B2H-AF Jamicon 24VDC 50x50x15mm Inverter Cooling Axial Fan Datasheet



Brand: Jamicon

SKU: 1009250113238

Category: Axial & Centrifugal Fans

Price: \$9.99

E-mail: sales@equipspares.com

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Product Page:

<https://www.equipspares.com/product/jf0515b2h-af-jamicon-24vdc-50x50x15mm-inverter-cooling-axial-fan>

Product Description

The Jamicon JF0515B2H-AF is a precision-engineered DC Axial Fan designed for critical thermal management in industrial electronics. Utilizing advanced DC motor technology paired with a robust dual ball bearing architecture, this unit ensures minimal friction and extended operational longevity under continuous load. The aerodynamic impeller design optimizes airflow while maintaining structural rigidity, effectively reducing thermal impedance within high-density enclosures. Engineered for reliability, the JF0515B2H-AF provides consistent cooling performance, making it an essential component for maintaining system stability in demanding environments.

Model Number: JF0515B2H-AF

Brand: Jamicon (Kaimei Electronic Corp)

Product Type: DC Axial Fan

Rated Voltage: 24VDC

Voltage Range: 14.0 - 27.6 VDC

Rated Current: 0.13 A

Power: 3.12 W

Rated Speed: 5500 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 14.5 CFM (24.6 m³/h / 0.41 m³/min)

Max. Static Pressure: 4.8 mmH₂O (47.1 Pa / 0.19 inH₂O)

Dimensions: 50 x 50 x 15 mm

Weight: 30 g

Life Expectancy: 70,000 Hours @ 40°C

Noise Level: 32 dBA

Housing Material: PBT Thermoplastic (UL94V-0)

Blade Material: PBT Thermoplastic (UL94V-0)

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Termination: 2-Wire Lead

Mounting Orientation: Any

Ingress Protection: IP20

Certifications: CE, UL, TUV

The JF0515B2H-AF is specifically engineered for integration into compact industrial equipment where space is at a premium but airflow cannot be compromised. Frequently utilized within variable frequency drives (VFDs) and power inverters, the JF0515B2H-AF ensures critical components remain within safe thermal operating limits. Its robust construction also makes it suitable for server rack cooling modules, CNC control panels, and telecommunications equipment requiring sustained, reliable air movement.

Supplemental Images

