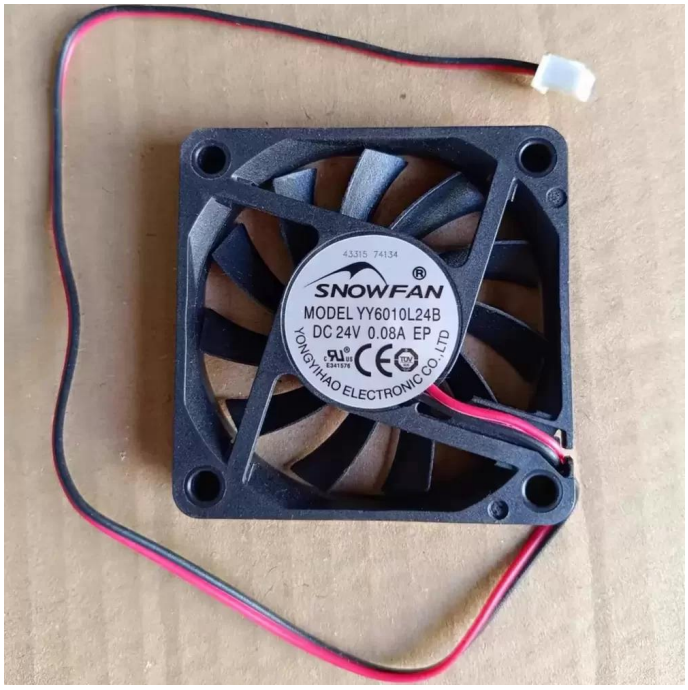
YY6010L24B SNOWFAN 24VDC 0.08A 60x60x10mm Axial Fan Datasheet



Brand: SNOWFAN

SKU: 1032956950564

Category: Axial & Centrifugal Fans

Price: **$11.99**

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Product Page:
https://www.equipspares.com/product/yy6010l24b-snowfan-24vdc-0-08a-60x60x10mm-axial-fan

Product Description

SNOWFAN YY6010L24B is a 24VDC 60x60x10mm Axial Fan optimized for high-density thermal management in space-constrained industrial enclosures. This compact cooling solution utilizes a brushless DC motor architecture paired with a precision dual ball bearing system to minimize thermal impedance and ensure long-term structural rigidity. Operating at a rated current of 0.08A, the YY6010L24B delivers consistent airflow while maintaining low power consumption of 1.92W. The aerodynamic impeller design is engineered to overcome moderate system impedance, making it an ideal replacement fan for sensitive electronics requiring stable 24VDC thermal regulation and high-reliability operation in continuous-duty cycles.

Model Number: YY6010L24B
Brand: SNOWFAN
Product Type: Axial Fan
Rated Voltage: 24 VDC
Voltage Range: 14.0 - 27.6 VDC
Rated Current: 0.08 A
Power: 1.92 W
Rated Speed: 3500 RPM
Bearing Type: Dual Ball Bearing
Max. Air Flow: 14.20 CFM (24.12 m^3/h)

Max. Static Pressure: 2.85 mmH_2O (27.95 Pa)
Dimensions: 60 x 60 x 10 mm
Weight: 35 g
Life Expectancy: 70,000 Hours at 40°C
Housing Material: Thermoplastic PBT (UL94V-0)
Blade Material: Thermoplastic PBT (UL94V-0)
Termination: 2-Wire Lead (Red/Black)
Operating Temperature: -10 to +70 °C
Storage Temperature: -40 to +75 °C
Protection Features: Locked Rotor Protection, Reverse Polarity Protection
Insulation Class: Class A
Certifications: CE, RoHS, UL

YY6010L24B Applications
1. Low-Profile Industrial Control Panels: The 10mm ultra-slim depth allows for efficient heat dissipation within shallow DIN-rail enclosures where standard 25mm fans cannot fit.
2. 1U Rackmount Networking Hardware: Optimized for high-density switching environments requiring a balance of static pressure and low vibration to protect optical transceiver integrity.
3. Medical Diagnostic Equipment: The dual ball bearing architecture provides the necessary longevity and mounting flexibility for mobile imaging or laboratory analysis units.
4. Embedded Industrial PC Chassis: Serves as a high-reliability replacement fan for internal CPU or chipset cooling in ruggedized automation controllers.

Supplemental Images