

D60BH-12B Y.L.FAN 12VDC 60x60x15mm Axial Fan Datasheet



Brand: Y.L.FAN

SKU: 1019149871340

Category: Axial & Centrifugal Fans

Price: \$11.99

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Product Page: <https://www.equipspares.com/product/d60bh-12b-y-l-fan-12vdc-60x60x15mm-axial-fan>

Product Description

The Y.L.FAN D60BH-12B is a high-performance Axial Fan engineered for demanding thermal management applications requiring compact dimensions and elevated airflow. Built upon a robust DC motor platform, this unit features a dual ball bearing architecture that significantly reduces friction coefficients, ensuring structural rigidity and extended operational longevity under continuous load. The 60mm frame is designed with optimized aerodynamic geometry to maximize static pressure and throughput, effectively mitigating thermal impedance in high-density electronic enclosures. With a focus on reliability and efficiency, the D60BH-12B utilizes durable PBT materials to withstand thermal stress, making it an ideal solution for critical industrial and consumer electronics.

Model Number: D60BH-12B

Brand: Y.L.FAN (Yate Loon)

Product Type: DC Axial Fan

Rated Voltage: 12 VDC

Voltage Range: 7.0 - 13.8 VDC

Rated Current: 0.40 A

Power: 4.80 W

Rated Speed: 5500 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 28.5 CFM (48.4 m³/h / 0.81 m³/min)

Max. Static Pressure: 6.2 mmH₂O (60.8 Pa / 0.24 inH₂O)

Dimensions: 60 x 60 x 15 mm

Weight: 48 g

Life Expectancy: 70,000 Hours at 40°C

Termination: 2-Wire with A1 Plug

Housing Material: PBT (UL94V-0)

Blade Material: PBT (UL94V-0)

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Noise Level: 39.0 dB(A)

Mounting Orientation: Any

Ingress Protection: IP20

This cooling component is specifically designed for integration into power supply units, surveillance monitoring systems, and multimedia projectors where space constraints meet high heat dissipation requirements. The D60BH-12B provides the necessary airflow to maintain optimal operating temperatures in compact chassis environments, preventing thermal throttling of sensitive components. By delivering consistent performance, the D60BH-12B ensures the reliability and longevity of equipment ranging from server racks to portable electronic devices.

Supplemental Images

