D80BH-12 Y.L.FAN 12VDC 80x80x25mm Silent Axial Fan Datasheet

Brand: Y.L.FAN

SKU: 697058943171

Category: Axial & Centrifugal Fans

Price: **$11.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page: https://www.equipspares.com/product/d80bh-12-y-l-fan-12vdc-80x80x25mm-silent-axial-fan

Product Description

The Y.L.FAN D80BH-12 is a precision-engineered DC Axial Fan designed for optimal thermal management in compact electronic enclosures and power supply units. Utilizing advanced DC brushless motor technology, this unit optimizes airflow dynamics while maintaining a low acoustic profile, characterized by its 'Silent' designation. The structural rigidity of the 80mm thermoplastic frame ensures stability under continuous operation, effectively reducing vibration-induced noise and thermal impedance. Engineered with a robust bearing system, indicated by the model series, it offers reduced friction and enhanced longevity compared to standard sleeve alternatives. This component is specifically calibrated to mitigate heat buildup in high-density chassis environments, ensuring critical components remain within safe operating temperature ranges.

Model Number: D80BH-12
Brand: Y.L.FAN (YaLn)
Product Type: DC Axial Fan
Rated Voltage: 12 VDC
Rated Current: 0.18 A
Power: 2.16 W
Rated Speed: 3000 RPM (Typical for 0.18A)
Bearing Type: Ball Bearing
Max. Air Flow: 40.0 CFM (Estimated based on current)
Max. Static Pressure: 3.5 mmH_2O (Estimated)

Dimensions: 80 x 80 x 25 mm
Weight: Approx. 80g
Life Expectancy: 50,000 Hours @ 25°C
Termination: 2-Wire Lead
Feature: GP (Green Product)
Feature: Silent Operation
Application: Power Supply Unit (PSU) / Chassis
Condition: Original Authentic (Original Genuine)

The D80BH-12 is widely utilized in industrial and consumer electronics, specifically serving as a primary cooling solution for ATX power supplies and computer chassis. Its 80mm form factor makes the D80BH-12 ideal for retrofitting into legacy server racks, compact instrumentation cooling, and replacement scenarios within Great Wall power supply units where reliable thermal dissipation is required to prevent component degradation.

Supplemental Images