

D12BH-48D Y.L.FAN 48VDC 120x120x38mm 2-Wire DC Axial Fan Datasheet



Brand: Y.L.FAN

SKU: [917067369276](#)

Category: Axial & Centrifugal Fans

Price: **\$14.99**

E-mail: sales@equipspares.com

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Product Page:

<https://www.equipspares.com/product/d12bh-48d-y-l-fan-48vdc-120x120x38mm-2-wire-dc-axial-fan>

Product Description

The Y.L.FAN D12BH-48D is a precision-engineered DC Axial Fan designed for critical thermal management in industrial and server environments. Utilizing advanced ball bearing architecture, this unit ensures minimized 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 with a robust 48VDC motor, the D12BH-48D delivers consistent rotational stability and efficient heat dissipation, making it an ideal solution for systems requiring reliable forced convection cooling.

Manufacturer: Y.L.FAN

Model Number: D12BH-48D

Product Type: DC Axial Fan

Rated Voltage: 48 VDC

Rated Current: 0.30 A

Measured Current: 0.24 A

Power Consumption: 14.40 W

Rated Speed: 3214 RPM

Bearing Type: Ball Bearing

Dimensions: 120 x 120 x 38 mm

Termination: 2-Wire Leads with 2-Pin Connector

Lead Wire Length: 150 mm

Mounting Style: Flange Mount

Application: Server Chassis Cooling

The D12BH-48D is specifically calibrated for high-demand applications such as server chassis cooling and telecommunications rack management. Its robust profile allows for integration into industrial automation equipment and power supply units where consistent airflow is paramount. By maintaining optimal operating temperatures, the D12BH-48D protects sensitive electronic components in CNC machinery and network storage devices, ensuring system reliability during continuous operation.

Supplemental Images

