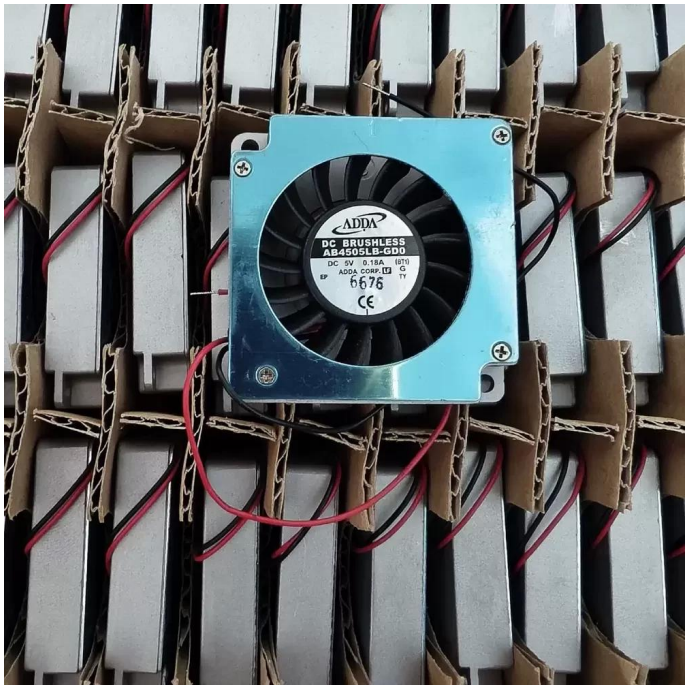
AB4505LB-GD0 ADDA 5VDC 45x45x10mm Centrifugal Blower Fan Datasheet



Brand: ADDA

SKU: 999125919242

Category: Axial & Centrifugal Fans

Price: **$9.99**

E-mail: sales@equipspares.com

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Product Page:
https://www.equipspares.com/product/ab4505lb-gd0-adda-5vdc-45x45x10mm-centrifugal-blower-fan

Product Description

The ADDA AB4505LB-GD0 is a precision-engineered DC Centrifugal Blower designed to provide targeted airflow in compact electronic environments. Featuring a robust DC brushless motor and a high-reliability ball bearing system, this unit minimizes mechanical friction to enhance operational longevity and reduce acoustic signatures. The aerodynamic impeller design is calibrated to deliver consistent static pressure, effectively forcing air through dense heatsinks and restricted ventilation channels found in modern IT hardware. Its structural rigidity and flame-retardant housing ensure compliance with rigorous industrial safety standards, making it a dependable component for critical thermal management systems.

Model Number: AB4505LB-GD0
Brand: ADDA
Product Type: DC Blower Fan
Rated Voltage: 5VDC
Voltage Range: 4.5 - 5.5 VDC
Rated Current: 0.18A
Power Input: 0.90W
Rated Speed: 4800 RPM
Bearing Type: Ball Bearing
Max. Air Flow: 2.3 CFM (0.065 m^3/min)

Max. Static Pressure: 0.32 inH_2O (8.1 mmH_2O)
Dimensions: 45x45x10mm
Noise Level: 29.5 dB(A)
Frame Material: PBT Thermoplastic (UL94V-0)
Impeller Material: PBT Thermoplastic (UL94V-0)
Termination: 2-Wire Leads
Operating Temperature: -10°C to +70°C
Life Expectancy: 50,000 Hours at 40°C
Weight: 19g

The AB4505LB-GD0 is specifically optimized for integration into network switches, server chassis, and compact industrial enclosures where space is at a premium. Its directed airflow capabilities make the AB4505LB-GD0 an excellent choice for spot cooling localized hotspots on PCBs, such as voltage regulators and chipsets, ensuring system stability in continuous-duty applications like telecommunications and data processing.

Supplemental Images