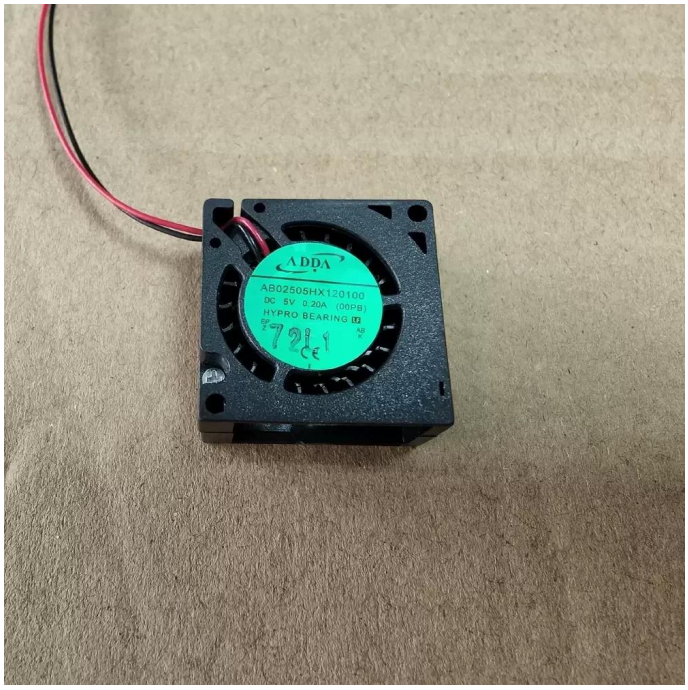
AB2505HX120100 ADDA 5VDC 25x25x12mm Blower Fan Datasheet



Brand: ADDA

SKU: 682782715828

Category: Axial & Centrifugal Fans

Price: **$9.99**

E-mail: sales@equipspares.com

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Product Page:
https://www.equipspares.com/product/ab2505hx120100-adda-5vdc-25x25x12mm-blower-fan

Product Description

The ADDA AB2505HX120100 is a precision-engineered DC Blower Fan designed for high-density thermal management applications where space is strictly limited. Featuring advanced DC brushless motor technology and a specialized Hypro bearing system, this unit offers a superior balance between rotational stability and acoustic performance. The 25x25x12mm thermoplastic chassis provides exceptional structural rigidity, housing a centrifugal impeller optimized to deliver focused airflow against system impedance. Engineered for reliability, the blower maintains consistent thermal dissipation, making it a critical component for reducing thermal resistance in compact electronic enclosures and sensitive instrumentation.

Model Number: AB2505HX120100
Brand: ADDA
Product Type: DC Blower Fan
Rated Voltage: 5 VDC
Rated Current: 0.20 A
Operating Current: 0.15 A
Input Power: 1.00 W
Rated Speed: 7000 RPM
Bearing Type: Hypro Bearing
Dimensions: 25 x 25 x 12 mm

Airflow Direction: Right Angle (Blower)
Noise Level: Low Acoustic Profile
Housing Material: PBT Plastic (UL94V-0)
Impeller Material: PBT Plastic (UL94V-0)
Termination: 2-Wire Leads
Mounting: Flange Mount
Motor Type: Brushless DC
Operating Temperature: -10°C to +70°C

The AB2505HX120100 is widely utilized in miniature electronic devices requiring active cooling without a large footprint. Common applications include cooling optical sensors in portable projectors, thermal management for VR/AR headsets, and heat dissipation in handheld medical diagnostic tools. The compact nature of the AB2505HX120100 allows for seamless integration into mobile computing chipsets and small-form-factor telecommunications equipment, ensuring critical components remain within safe operating temperatures.

Supplemental Images