

AD0724HB-D72 ADDA 24VDC 70x70x15mm 3-Wire Axial Fan Datasheet



Brand: ADDA

SKU: [640287148506](#)

Category: Axial & Centrifugal Fans

Price: **\$14.99**

E-mail: sales@equipspares.com

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Product Page:

<https://www.equipspares.com/product/ad0724hb-d72-adda-24vdc-70x70x15mm-3-wire-axial-fan>

Product Description

The ADDA AD0724HB-D72 is a precision-engineered DC axial fan designed for critical thermal management applications requiring a compact 70mm footprint. Utilizing a robust Two Ball Bearing architecture, this unit ensures extended operational longevity and reduced frictional coefficients compared to standard sleeve alternatives. The aerodynamic impeller design optimizes airflow delivery while maintaining a balanced acoustic profile, making it suitable for industrial environments. Constructed with high-grade PBT thermoplastic, the housing offers superior structural rigidity and flame resistance, ensuring reliability under continuous duty cycles. The 3-wire configuration facilitates speed monitoring, integrating seamlessly into intelligent cooling control systems to maintain optimal thermal impedance.

Model Number: AD0724HB-D72

Brand: ADDA

Product Type: DC Axial Fan

Rated Voltage: 24 VDC

Voltage Range: 21.6 - 26.4 VDC

Rated Current: 0.16 A

Input Power: 3.84 W

Rated Speed: 4200 RPM

Bearing Type: Two Ball Bearing

Max. Air Flow: 28.0 CFM (47.57 m³/h / 0.79 m³/min)

Max. Static Pressure: 3.56 mmH₂O (34.91 Pa / 0.14 inH₂O)

Dimensions: 70 x 70 x 15 mm

Weight: 55 g

Life Expectancy: 70,000 Hours at 40°C

Noise Level: 36.0 dB(A)

Housing Material: PBT Plastic (UL94V-0)

Impeller Material: PBT Plastic (UL94V-0)

Termination: 3-Wire Leads

Signal Output: Frequency Generator (Tachometer)

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Ingress Protection: IP20 (Standard)

Safety Certifications: UL, CUL, TUV, CE

This cooling solution is engineered for high-density electronic enclosures where space is at a premium but airflow cannot be compromised. The AD0724HB-D72 is frequently deployed in rack-mounted server power supplies, telecommunications switching gear, and industrial automation control panels. Its slim 15mm profile allows for integration into tight chassis clearances found in medical instrumentation and network routers. By providing consistent thermal dissipation, the AD0724HB-D72 protects sensitive semiconductors from thermal throttling, ensuring system stability in 24/7 operational environments.

Supplemental Images

