

AD0424HS-G70 ADDA 24VDC 40x40x10mm 2-Wire DC Axial Fan Datasheet



Brand: ADDA

SKU: [991489779862](#)

Category: Axial & Centrifugal Fans

Price: **\$12.99**

E-mail: sales@equipspares.com

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Product Page:

<https://www.equipspares.com/product/ad0424hs-g70-adda-24vdc-40x40x10mm-2-wire-dc-axial-fan>

Product Description

The ADDA AD0424HS-G70 is a DC Axial Fan engineered for precision thermal management in space-constrained industrial environments. Utilizing a sophisticated brushless DC motor architecture, this 40x40x10mm unit minimizes thermal impedance through optimized blade geometry and high-density housing materials. The structural rigidity of the UL94V-0 reinforced plastic frame ensures dimensional stability under continuous operation. Designed for reliability, the AD0424HS-G70 integrates advanced aerodynamic profiles to maximize static pressure while maintaining a compact footprint. This cooling solution is tailored for systems requiring consistent airflow and low power consumption, providing a robust defense against heat-induced component degradation in sensitive electronic assemblies.

Model Number: AD0424HS-G70

Brand: ADDA

Product Type: DC Axial Fan

Rated Voltage: 24VDC

Voltage Range: 21.6 - 26.4 VDC

Rated Current: 0.09 A

Power: 2.16 W

Rated Speed: 6000 RPM

Bearing Type: Sleeve Bearing

Max. Air Flow: 6.70 CFM (11.38 m³/h / 0.19 m³/min)

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

Dimensions: 40x40x10mm

Weight: 16.0 g

Life Expectancy: 30000 Hours at 40°C

Noise Level: 26.0 dB(A)

Housing Material: Plastic (UL94V-0)

Blade Material: Plastic (UL94V-0)

Termination: 2 Lead Wires

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Insulation Class: Class A

Insulation Resistance: 10M Ohm at 500VDC

Dielectric Strength: 5mA Max at 500VAC for 1 minute

Mounting Orientation: Any

Protection Features: Impedance Protected, Reverse Polarity Protected

Certifications: UL, CUL, TUV, CE

The AD0424HS-G70 is primarily deployed in compact electronic enclosures where vertical space is limited, such as 1U server racks and network switchgear. In industrial automation, the AD0424HS-G70 provides essential spot cooling for motor drivers and PLC modules within control cabinets. Its small form factor makes it an ideal choice for medical diagnostic equipment and 3D printer extruders that require localized heat dissipation. Additionally, the AD0424HS-G70 is frequently integrated into power supply units and telecommunications hardware to ensure long-term stability of internal circuitry.