

AD1248HX-F52 ADDA 48V DC Axial Fan 120mm

SKU: AD1248HX-F52

Price: \$9.99

Categories: Fans

Tags: ADDA

Product Link:

<https://www.electspares.com/product/ad1248hx-f52-adda-48v-dc-axial-fan-120mm/>

Product Description

The ADDA AD1248HX-F52 is a high-performance DC Axial Fan with dimensions of 120 x 120 x 38 mm. It operates on a nominal voltage of 48 VDC. The fan achieves a speed of 2800 RPM, consuming 9.6 W of power and drawing a maximum current of 0.20 A. It delivers a maximum air flow of 178.0 m³/h (104.8 CFM) and a maximum static pressure of 67.2 Pa (0.270 inAq). This 5-blade fan utilizes a HYPRO Bearing system and features four-wire termination for speed control and monitoring, making it ideal for standard 48V cooling applications.

AD1248HX-F52 Fan Parameters

Model: AD1248HX-F52

Manufacturer: ADDA

Type: DC Axial Fan

Dimensions (measuring): 120 x 120 x 38 mm

Nominal Voltage: 48 VDC

Voltage Range: 28 VDC ~ 53 VDC

Speed: 2800 RPM

Power Consumption: 9.6 W

Current Draw: 0.20 A

Max. Airflow: 178.0 m³/h (104.8 CFM)

Max. Static Pressure: 67.2 Pa (0.270 inAq)

Noise Level: 42.8 dB(A)

Weight: 0.297 kg

Housing Material: Thermoplastic PBT (UL94V-0)

Impeller Material: Thermoplastic PBT (UL94V-0)

Number of Blades: 5

Bearing Type: HYPRO Bearing

Motor Design: Brushless DC Motor

Motor Protection: Locked Rotor Protection, Auto-Restart

Termination: 4 Wire Leads

Monitor Output: Yes (Tachometer/FG and PWM)

Service Life L10 at 40 °C: 50000 h

Min. Ambient Temperature: -10 °C

Max. Ambient Temperature: 70 °C

Approvals: UL, CUL, CSA, CE

Application

The ADDA AD1248HX-F52 fan is designed for quiet and efficient cooling in 48V telecommunication, industrial, and server systems that require precise speed control and monitoring. Primary applications include cooling network infrastructure, data storage arrays, and electronic enclosures where airflow and acoustic optimization is necessary.

Product Images



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