

AD1248UB-F91GP ADDA 48V DC Axial Fan

SKU: AD1248UB-F91GP

Price: \$13.76

Categories: Fans

Tags: ADDA

Product Link:

<https://www.electspares.com/product/ad1248ub-f91gp-adda-48v-dc-axial-fan/>

Product Description

The ADDA AD1248UB-F91GP is a high-performance DC Axial Fan with dimensions of 120×120×38 mm. This Ultra High Speed fan operates on a 48 VDC Rated Voltage with a Rated Current of 0.68 A (32.64 W Rated Power). It utilizes a Brushless DC Motor and a Ball Bearing system. At a Rated Speed of 4,700 RPM, it generates a massive Airflow of 220 CFM (373.8 m3/h) and a high Static Pressure of 0.750 inAq. The fan is constructed from UL94V-0 rated Plastic for both its frame and impeller, with a Weight of 355 g and Noise Level of 63 dB/A. Its primary application is in demanding server, telecom, and industrial cooling scenarios that require maximum heat dissipation.

Fan Parameters

Model: AD1248UB-F91GP

Manufacturer: ADDA

Type: DC Axial Fan

Dimensions: 120×120×38 mm

Motor Design: Brushless DC Motor

Bearing Type: Ball Bearing

Rated Voltage: 48 VDC

Rated Current: 0.68 A

Actual Current: 0.58 A

Rated Input: 32.64 W

Actual Input: 27.84 W

Rated Speed: 4,700 RPM

Airflow: 220 CFM (6.230 m3/min or 373.8 m3/h)

Static Pressure: 0.750 inAq (18.75 mmAq)

Noise Level: 63 dB/A

Weight: 355 g

Number of blades: 9

Frame Material: Plastic (UL94V-0)

Impeller Material: Plastic (UL94V-0)

Termination: 2 Lead Wires

Life Expectancy: 50,000 h (minimum at 25 °C)

Safety Approval: UL, CUL, TUV, CE

Application

The AD1248UB-F91GP is engineered for severe thermal loads, making it indispensable for high-density 48VDC systems. Its Ultra High Speed and High Static Pressure are essential for cooling dense components in servers, storage arrays, large network switches, and telecom rectifiers, where maximum heat dissipation is required to maintain system integrity.

Product Images









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