EF75251B1-Q020-S99 Sunon 12V DC Axial Fan 70mm

SKU: EF75251B1-Q020-S99

Price: $11.33

Categories: Fans

Tags: SUNON

Product Link:
https://www.elecspares.com/product/ef75251b1-q020-s99-sunon-12v-dc-axial-fan-70mm/

Product Description

The Sunon EF75251B1-Q020-S99 is a moderate-speed DC Axial Fan with dimensions of 70 x 70 x 25 mm. It operates on a nominal voltage of 12 VDC. The fan achieves a speed of 5500 RPM, consuming 2.25 W of power and drawing a maximum current of 0.1875 A. It delivers a maximum air flow of 97.4 m^3/h (57.3 CFM) and a maximum static pressure of 89.2 Pa (0.358 inAq). This four-wire fan features a durable Ball Bearing system, enabling both precise PWM speed control and tachometer feedback, making it ideal for variable cooling requirements in optical equipment like projectors.

EF75251B1-Q020-S99 Fan Parameters
Model: EF75251B1-Q020-S99
Manufacturer: Sunon
Type: DC Axial Fan (PWM Control, Tachometer)
Dimensions (measuring): 70 x 70 x 25 mm
Nominal Voltage: 12 VDC
Voltage Range: 6 VDC ~ 13.8 VDC
Speed: 5500 RPM (Controlled via PWM)
Power Consumption: 2.25 W
Current Draw: 0.1875 A
Max. Airflow: 97.4 m^3/h (57.3 CFM)
Max. Static Pressure: 89.2 Pa (0.358 inAq)
Noise Level: 49.0 dB(A)
Weight: 0.090 kg
Housing Material: Thermoplastic PBT (UL94V-0)
Impeller Material: Thermoplastic PBT (UL94V-0)

Number of Blades: 7
Bearing Type: Ball Bearing
Motor Design: Brushless DC Motor
Motor Protection: Locked Rotor Protection, Auto-Restart
Termination: 4 Wire Leads (PWM Input)
Monitor Output: Yes (Tachometer/FG, PWM Control)
Service Life L10 at 40 °C: 60000 h
Min. Ambient Temperature: -10 °C
Max. Ambient Temperature: 70 °C
Approvals: UL, cUL, CE, TUV

Application
The Sunon EF75251B1-Q020-S99 fan is primarily designed for cooling high-intensity light sources and optical engines within **digital projectors** and industrial imaging equipment. The four-wire configuration allows the projector's control system to precisely manage fan speed (and thus noise) based on internal temperature, ensuring optimal image quality and user experience while managing heat output.

Product Images


SUNON
EF75251B1-Q020-S99
DC12V 2.52W
EP
79201G001
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