AD0912US-A70GL ADDA 12VDC 0.30A 92x92x25mm Axial Fan Datasheet

Brand: ADDA

SKU: 806201644066

Category: Axial & Centrifugal Fans

Price: **$12.99**

E-mail: sales@equipspares.com

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Product Page:
https://www.equipspares.com/product/ad0912us-a70gl-adda-12vdc-0-30a-92x92x25mm-axial-fan

Product Description

The ADDA AD0912US-A70GL is a high-efficiency DC axial fan engineered for critical thermal impedance management in compact electronic enclosures. Featuring a robust DC brushless motor architecture integrated with a precision sintered sleeve bearing system, this unit delivers exceptional rotational stability and structural rigidity. The aerodynamic impeller profile is optimized to maximize volumetric airflow while maintaining a balanced static pressure ratio, ensuring effective heat dissipation in restricted environments. Constructed with industrial-grade thermoplastics, the fan offers reliable performance and durability for continuous duty cycles.

Model Number: AD0912US-A70GL
Brand: ADDA
Product Type: DC Axial Fan
Rated Voltage: 12 VDC
Voltage Range: 10.8 - 13.2 VDC
Rated Current: 0.30 A
Input Power: 3.60 W
Rated Speed: 3400 RPM
Bearing Type: Sleeve Bearing
Max. Air Flow: 54.5 CFM (92.6 m^3/h / 1.54 m^3/min)
Max. Static Pressure: 4.32 mmH_2O (42.36 Pa / 0.17 inH_2O)

Dimensions: 92 x 92 x 25 mm
Weight: 92 g
Noise Level: 38.5 dB(A)
Frame Material: PBT Thermoplastic (UL94V-0)
Impeller Material: PBT Thermoplastic (UL94V-0)
Termination: 2-Wire Leads (Red/Black)
Ingress Protection: Standard
Operating Temperature: -10°C to +70°C
Storage Temperature: -40°C to +70°C
Life Expectancy: 30,000 Hours at 40°C
Direction of Rotation: Counter-clockwise (viewed from front)
Safety Approvals: UL, CUL, TUV, CE

The AD0912US-A70GL is specifically designed for integration into diverse industrial and consumer applications, including server rack chassis, water dispenser cooling modules, and power supply ventilation systems. Its standard 92mm footprint makes it an ideal replacement component for legacy equipment in telecommunications and network switchgear requiring reliable thermal regulation. Additionally, the AD0912US-A70GL is frequently utilized in CNC control cabinets and medical instrumentation where consistent airflow is paramount to preventing component overheating and ensuring system longevity.

Supplemental Images