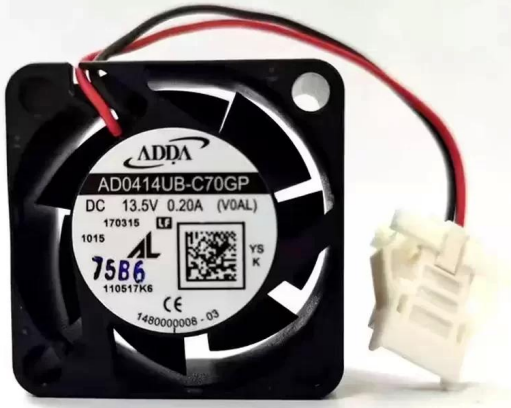


D0414UB-C70GAP ADDA 13.5VDC 40x40x20mm Axial Cooling Fan Datasheet



Brand: ADDA

SKU: 762365141352

Category: Axial & Centrifugal Fans

Price: \$14.99

E-mail: sales@equipspares.com

Web: <https://www.equipspares.com>

Product Page:

<https://www.equipspares.com/product/d0414ub-c70gap-adda-13-5vdc-40x40x20mm-axial-cooling-fan>

Product Description

The ADDA D0414UB-C70GAP is a precision-engineered DC Axial Fan designed for critical thermal management in compact electronic enclosures and surveillance infrastructure. Utilizing advanced Double Ball Bearing architecture, this unit ensures minimized friction coefficients and extended operational longevity under continuous load, significantly outperforming sleeve bearing alternatives. The 40mm frame integrates an optimized impeller geometry to deliver superior airflow-to-noise ratios, effectively reducing thermal impedance in high-density server racks and monitoring systems. Constructed with robust thermoplastic materials, it maintains structural rigidity while providing reliable cooling performance at a specific rated voltage of 13.5VDC, making it ideal for specialized industrial power rails.

Model Number: D0414UB-C70GAP

Brand: ADDA

Product Type: DC Axial Fan

Rated Voltage: 13.5 VDC

Voltage Range: 12.0 - 14.5 VDC

Rated Current: 0.20 A

Power Consumption: 2.70 W

Rated Speed: 8000 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 9.0 CFM (15.29 m³/h / 0.25 m³/min)
Max. Static Pressure: 7.50 mmH₂O (73.55 Pa / 0.29 inH₂O)
Dimensions: 40 x 40 x 20 mm
Weight: 28 g
Life Expectancy: 70,000 Hours @ 40°C
Noise Level: 33.0 dB(A)
Housing Material: PBT Thermoplastic (UL94V-0)
Impeller Material: PBT Thermoplastic (UL94V-0)
Operating Temperature: -10°C to +70°C
Storage Temperature: -40°C to +70°C
Termination: Lead Wires
Safety Certifications: UL, CUL, TUV, CE

This high-performance cooling solution is specifically engineered for surveillance infrastructure, including Digital Video Recorders (DVR) and Network Video Recorders (NVR), where consistent airflow is paramount for data integrity. The D0414UB-C70GAP excels in compact computer chassis and industrial automation equipment requiring a robust 40mm form factor. By integrating the D0414UB-C70GAP into server racks or telecommunication cabinets, operators ensure optimal thermal regulation for sensitive components, preventing overheating in 24/7 monitoring environments.

Supplemental Images

