AD0414MB-C70GP ADDA 14VDC 40x40x20mm Axial Fan Datasheet

Brand: ADDA

SKU: 885534760327

Category: Axial & Centrifugal Fans

Price: **$13.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/ad0414mb-c70gp-adda-14vdc-40x40x20mm-axial-fan

Product Description

ADDA AD0414MB-C70GP is a 14VDC 40x40x20mm Axial Fan optimized for high-density thermal management in space-constrained networking hardware. Engineered with a precision dual-ball bearing architecture, this model minimizes mechanical friction to ensure long-term structural rigidity and reduced thermal impedance within 1U enclosures. The aerodynamic impeller design is specifically tuned to balance static pressure and acoustic output, drawing 0.12A at a rated 1.68W. Operating at speeds optimized for 14VDC rails, it provides reliable heat dissipation for sensitive logic boards, maintaining stable internal temperatures even under continuous duty cycles in 24/7 environments.

Model Number: AD0414MB-C70GP
Brand: ADDA
Product Type: Axial Fan
Rated Voltage: 14 VDC
Voltage Range: 12.0 - 14.0 VDC
Rated Current: 0.12 A
Power: 1.68 W
Rated Speed: 6000 RPM
Bearing Type: Dual Ball Bearing
Max. Air Flow: 7.5 CFM (12.7 m^3/h)

Max. Static Pressure: 4.20 mmH_2O (41.2 Pa)
Dimensions: 40 x 40 x 20 mm
Weight: 28 g
Life Expectancy: 70,000 Hours at 40°C
Noise Level: 26.0 dB(A)
Housing Material: Plastic (UL94V-0)
Blade Material: Plastic (UL94V-0)
Termination: 2-Lead Wires
Operating Temperature: -10 to +70 °C
Storage Temperature: -40 to +70 °C
Protection Features: Impedance Protected, Reverse Polarity Protection

AD0414MB-C70GP Applications
1. 1U Network Switch Chassis: Optimized for overcoming high system impedance in slim rackmount enclosures where vertical clearance is limited to 20mm.
2. Telecom Line Cards: Ideal replacement fan for 14VDC proprietary power rails requiring low-vibration operation to protect signal integrity.
3. Industrial Power Supplies: Provides targeted spot cooling for internal components in ruggedized converters where high-reliability ball bearings are mandatory.

Supplemental Images


ADDA
AD0414MB-C70GP
DC 14V 0.12A
EP