DFPA0676B2U-Y006 AVC 12VDC 60x60x76mm Dual Motor Axial Fan Datasheet

Brand: AVC

SKU: 948224270614

Category: Axial & Centrifugal Fans

Price: **$20.99**

E-mail: sales@equipspares.com

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Product Page:
https://www.equipspares.com/product/dfpa0676b2u-y006-avc-12vdc-60x60x76mm-dual-motor-axial-fan

Product Description

The AVC DFPA0676B2U-Y006 is a 12VDC 60x60x76mm Axial Fan optimized for overcoming extreme thermal impedance in high-density computing environments. This industrial-grade cooling solution features a dual-motor counter-rotating design, engineered to maximize static pressure and airflow efficiency. Utilizing a robust dual ball bearing architecture and UL94V-0 reinforced plastic housing, it ensures structural rigidity under high rotational stress. Drawing 4.98A with a power consumption of 59.76W, this fan delivers exceptional performance for mission-critical hardware. The aerodynamic blade geometry is specifically tuned to minimize turbulence while maintaining peak velocity, making it a superior choice for 1U/2U server chassis and high-load power supply units.

Model Number: DFPA0676B2U-Y006
Brand: AVC
Product Type: Axial Fan
Rated Voltage: 12 VDC
Voltage Range: 7.0 - 13.2 VDC
Rated Current: 4.98 A
Power: 59.76 W
Rated Speed: 18500 RPM
Bearing Type: Dual Ball Bearing

Max. Air Flow: 85.5 CFM (145.3 m^3/h / 2.42 m^3/min)
Max. Static Pressure: 65.2 mmH_2O (639.4 Pa / 2.57 inH_2O)
Dimensions: 60 x 60 x 76 mm
Weight: 320 g
Life Expectancy: 70,000 hours at 40 °C
Speed Control: PWM (Pulse Width Modulation)
Output Signal: Tachometer (FG)
Housing Material: Plastic (UL94V-0)
Blade Material: Plastic (UL94V-0)
Termination: 4-Wire Lead Wires
Operating Temperature: -10 to +70 °C
Storage Temperature: -40 to +75 °C
Protection Features: Locked Rotor Protection, Reverse Polarity Protection
Certifications: CE, TUV, UL, RoHS

DFPA0676B2U-Y006 Applications
1. 1U/2U High-Density Rackmount Servers: The counter-rotating dual-motor design provides the extreme static pressure necessary to push air through tightly packed components and dense heatsinks.
2. High-Wattage Power Supply Units: High amperage and structural rigidity allow for consistent heat dissipation in industrial PSUs where thermal impedance is a critical failure factor.
3. Telecom Base Stations: Ideal as a replacement fan for ruggedized outdoor enclosures requiring high-velocity airflow to maintain internal temperatures against solar loading.

Supplemental Images