DFPC0656B2U-P009 AVC 12VDC 60x60x56mm 3.24A Axial Fan Datasheet

Brand: AVC

SKU: 970103114065

Category: Axial & Centrifugal Fans

Price: **$15.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/dfpc0656b2u-p009-avc-12vdc-60x60x56mm-3-24a-axial-fan

Product Description

The AVC DFPC0656B2U-P009 is a high-performance DC axial fan engineered for mission-critical thermal management in dense server environments. Utilizing advanced counter-rotating motor technology and a robust dual ball bearing architecture, this unit ensures exceptional longevity and structural rigidity under continuous high-speed operation. The 60x60x56mm form factor houses a specialized aerodynamic blade design optimized to overcome high system impedance, delivering concentrated airflow with significant static pressure. Its 4-wire interface supports precise Pulse Width Modulation (PWM) speed control, allowing for dynamic thermal regulation and minimized acoustic resonance during variable load states, making it an ideal solution for high-density computing clusters.

Model Number: DFPC0656B2U-P009
Brand: AVC (Asia Vital Components)
Product Type: DC Axial Fan (Counter-Rotating)
Rated Voltage: 12 VDC
Rated Current: 3.24 A
Power Consumption: 38.88 W
Dimensions: 60x60x56mm
Bearing Type: Dual Ball Bearing
Speed Control: PWM (Pulse Width Modulation)

Termination: 4-Wire Lead
Connector: Standard 4-Pin Server Header
Housing Material: Thermoplastic PBT (UL94V-0)
Blade Material: Thermoplastic PBT (UL94V-0)
Mounting Orientation: Any
Ingress Protection: Standard IP Rating
Operating Temperature: -10°C to +70°C
Application: High Static Pressure Server Cooling

Designed specifically for high-impedance enclosures, the DFPC0656B2U-P009 excels in 1U and 2U server chassis where back-pressure is a significant constraint. This cooling solution is widely deployed in enterprise data centers, blade servers, and network switches requiring rapid heat dissipation from high-TDP processors. The DFPC0656B2U-P009 is also suitable for industrial automation equipment and precision medical devices, ensuring reliable thermal stability for sensitive electronic components in continuous-duty applications.

Supplemental Images