DFPB0656B2U-P001 AVC 12VDC 60x60x56mm Counter-Rotating Fan Datasheet

Brand: AVC

SKU: 1015803658512

Category: Axial & Centrifugal Fans

Price: **$15.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/dfpb0656b2u-p001-avc-12vdc-60x60x56mm-counter-rotating-fan

Product Description

The AVC DFPB0656B2U-P001 is a high-performance counter-rotating axial fan designed for mission-critical thermal management in dense server environments. Engineered with a dual-motor architecture within a compact 60x60x56mm frame, this unit maximizes static pressure capabilities to overcome high system impedance. The device utilizes precision dual ball bearings to ensure long-term reliability and structural rigidity under high-speed operation. Its aerodynamic design features contra-rotating impellers that straighten airflow and significantly boost efficiency compared to single-stage counterparts. This 12VDC cooling solution is optimized for applications requiring substantial airflow delivery and robust thermal dissipation, ensuring component stability under heavy loads.

Model Number: DFPB0656B2U-P001
Brand: AVC (Asia Vital Components)
Product Type: Counter-Rotating Axial Fan
Rated Voltage: 12 VDC
Rated Current: 2.00 A
Power Consumption: 24.00 W
Dimensions: 60 x 60 x 56 mm
Bearing Type: Dual Ball Bearing
Fan Structure: Dual Motor / Contra-Rotating Impellers

Termination: 4-Wire (PWM/Tachometer)
Housing Material: Thermoplastic PBT (UL94V-0)
Blade Material: Thermoplastic PBT (UL94V-0)
Mounting Style: Ribbed
Cooling Method: Active Air Cooling
Application: Server / High Static Pressure Environments

Designed primarily for high-density computing, the DFPB0656B2U-P001 excels in 1U and 2U server chassis where back pressure is a significant challenge. The high static pressure generated by the DFPB0656B2U-P001 makes it ideal for forcing air through dense heatsinks and restricted enclosures found in telecommunications equipment and precision medical devices. Additionally, this unit is frequently utilized in custom DIY cooling projects and workstation upgrades requiring aggressive thermal regulation.

Supplemental Images