DFPL0880B8UY008 AVC 48VDC 80x80x80mm Dual Motor Axial Fan Datasheet

Brand: AVC

SKU: 965094352685

Category: Axial & Centrifugal Fans

Price: **$25.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/dfpl0880b8uy008-avc-48vdc-80x80x80mm-dual-motor-axial-fan

Product Description

The AVC DFPL0880B8UY008 is a specialized Dual Motor Axial Fan designed for extreme thermal management applications requiring high static pressure and substantial airflow throughput. Engineered with a robust 48VDC counter-rotating motor architecture, this unit effectively overcomes high system impedance in dense electronic enclosures by straightening airflow and minimizing backpressure. The fan assembly utilizes precision ball bearings to ensure rotational stability and longevity under the stress of high-velocity operation. Its structural rigidity is maintained by a reinforced thermoplastic housing, making it suitable for continuous duty in harsh industrial environments where thermal impedance must be aggressively managed to protect critical hardware components.

Model Number: DFPL0880B8UY008
Brand: AVC (Asia Vital Components)
Product Type: Dual Motor Axial Fan (Counter-Rotating)
Rated Voltage: 48 VDC
Rated Current: 4.50 A
Power Consumption: 216.0 W
Dimensions: 80 x 80 x 80 mm
Bearing Type: Dual Ball Bearing
Motor Structure: DC Brushless, Dual Motor

Termination: 4-Wire (Lead Wire)
Speed Control: PWM / Tachometer Support
Airflow Direction: Counter-Rotating (High Pressure)
Housing Material: Thermoplastic PBT (UL94V-0)
Blade Material: Thermoplastic PBT (UL94V-0)
Mounting Orientation: Any
Application Profile: High Static Pressure / Server Grade

Designed for mission-critical cooling, the DFPL0880B8UY008 is primarily utilized in high-density server racks, blade chassis, and telecommunications infrastructure where airflow restriction is a significant challenge. The DFPL0880B8UY008 excels in forcing air through tightly packed heatsinks and long ducting channels found in cryptocurrency mining rigs and industrial automation equipment, ensuring rapid heat dissipation from power-dense components.

Supplemental Images


MODEL DFPH0880B8SY029
DC 48V 4.32A
BALL BEARING
AVC
www.avc.com.tw
E158191
25730
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