

DBPA2053B8U-Y001 AVC 48VDC 200mm Aluminum Frame Axial Fan Datasheet



Brand: AVC

SKU: 998017189632

Category: Axial & Centrifugal Fans

Price: \$42.99

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Product Page:

<https://www.equipspares.com/product/dbpa2053b8u-y001-avc-48vdc-200mm-aluminum-frame-axial-fan>

Product Description

The AVC DBPA2053B8U-Y001 is a heavy-duty axial cooling fan engineered for mission-critical industrial applications requiring substantial airflow. Constructed with a durable aluminum alloy frame, this unit provides exceptional structural rigidity and aids in thermal dissipation under high-stress conditions. The internal motor assembly features a precision dual ball bearing architecture, designed to minimize rotational friction and significantly extend the operational service life of the component. Operating at a rated voltage of 48VDC with a high current draw of 4.56A, it delivers powerful air movement to overcome high static pressure and system impedance. The integrated 4-wire interface supports advanced speed control and signal monitoring, allowing for dynamic performance adjustments. This fan is the optimal solution for maintaining thermal stability in high-density electronic environments.

Model Number: DBPA2053B8U-Y001

Brand: AVC

Product Type: Axial Fan

Rated Voltage: 48 VDC

Rated Current: 4.56 A

Input Power: 218.88 W

Bearing Type: Dual Ball Bearing

Dimensions: 200mm Frame Size

Frame Material: Aluminum Alloy

Termination: 4-Wire Leads

Speed Control: PWM / Tachometer Support

Cooling Type: Active Airflow

Application: Server / Cabinet Cooling

The DBPA2053B8U-Y001 is specifically designed for deployment in high-performance server racks, data center infrastructure, and large-scale telecommunication cabinets. Its high-power motor and robust construction make the DBPA2053B8U-Y001 equally suitable for industrial automation machinery and CNC equipment where consistent, high-volume air exchange is required to prevent component overheating and ensure system longevity.

Supplemental Images

