

DBPA0956B8UP003 AVC 48VDC 90x90x56mm Axial Fan Datasheet



Brand: AVC

SKU: 912677201185

Category: Axial & Centrifugal Fans

Price: **\$16.99**

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Product Page:

<https://www.equipspares.com/product/dbpa0956b8up003-avc-48vdc-90x90x56mm-axial-fan>

Product Description

The AVC DBPA0956B8UP003 is a high-performance DC axial fan engineered for extreme industrial cooling applications requiring substantial static pressure and airflow. Encased in a robust die-cast aluminum housing, this unit ensures superior structural rigidity and thermal dissipation under heavy loads. It utilizes a precision dual ball bearing system to maintain stability at high rotational speeds, significantly extending operational lifespan. The 4-wire configuration supports Pulse Width Modulation (PWM) for precise speed control and tachometer output for real-time monitoring. With a power rating of roughly 178W, this fan is designed to overcome high thermal impedance in densely packed electronic enclosures.

Model Number: DBPA0956B8UP003

Brand: AVC (Asia Vital Components)

Product Type: DC Axial Fan

Rated Voltage: 48 VDC

Rated Current: 3.72 A

Power Consumption: 178.56 W

Dimensions: 90mm x 90mm x 56mm

Bearing Type: Dual Ball Bearing

Housing Material: Die-Cast Aluminum

Impeller Material: Reinforced Plastic (UL94V-0)

Termination: 4-Wire Leads

Speed Control: PWM (Pulse Width Modulation)

Signal Output: Tachometer (FG)

Mounting: Flange Mount

Ingress Protection: IP Rating Standard

Operating Temperature: -10°C to +70°C

Life Expectancy: 70,000 Hours at 40°C

The DBPA0956B8UP003 is specifically deployed in mission-critical environments such as enterprise server racks, telecommunications base stations, and high-density storage arrays where airflow restriction is a significant challenge. Its high static pressure capabilities make the DBPA0956B8UP003 ideal for forcing air through restrictive heat sinks and tightly packed chassis in industrial automation equipment and power supply units.

Supplemental Images

