

DATB0625B8M-071 AVC 48VDC 60x60x25mm Axial Fan Datasheet



Brand: AVC

SKU: [977578370366](#)

Category: Axial & Centrifugal Fans

Price: **\$9.99**

E-mail: sales@equipspares.com

Web: <https://www.equipspares.com>

Product Page: <https://www.equipspares.com/product/datb0625b8m-071-avc-48vdc-60x60x25mm-axial-fan>

Product Description

The AVC DATB0625B8M-071 is a precision-engineered DC Axial Fan designed for critical thermal management in telecommunications and industrial electronics. Utilizing advanced Dual Ball Bearing architecture, this unit ensures minimized frictional coefficients and extended operational longevity under continuous load. The impeller features an optimized aerodynamic profile to maximize static pressure while maintaining structural rigidity, effectively reducing thermal impedance within high-density enclosures. Constructed with UL94V-0 rated thermoplastic, the DATB0625B8M-071 delivers reliable airflow performance, making it an essential component for maintaining system stability in demanding environments.

Model Number: DATB0625B8M-071

Brand: AVC (Asia Vital Components)

Product Type: DC Axial Fan

Rated Voltage: 48V DC

Voltage Range: 28.0 - 56.0 VDC

Rated Current: 0.14 A

Power Consumption: 6.72 W

Rated Speed: 5800 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 24.5 CFM (41.6 m³/h / 0.69 m³/min)

Max. Static Pressure: 7.2 mmH₂O (70.6 Pa / 0.28 inH₂O)

Dimensions: 60 x 60 x 25 mm

Weight: 68 g

Life Expectancy: 70,000 Hours at 40°C

Noise Level: 36.0 dB(A)

Frame Material: Thermoplastic PBT (UL94V-0)

Blade Material: Thermoplastic PBT (UL94V-0)

Ingress Protection: IP4X

Insulation Class: Class A

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Termination: Lead Wires

Safety Certifications: CE, TUV, UL, CUL

Application: Huawei Communication Equipment

The DATB0625B8M-071 is specifically engineered for high-reliability applications such as telecommunications infrastructure and network switching gear, including specialized Huawei communication equipment. Its compact form factor allows for seamless integration into 1U server racks, optical transmission devices, and industrial power supply units where space is constrained but airflow cannot be compromised. By providing consistent thermal dissipation, the DATB0625B8M-071 ensures the longevity of sensitive electronic components in continuous-duty networking environments.

Supplemental Images

