

# DBTB1225B2F-P074 AVC 12VDC 2.04A 120x120x25mm Cooling Fan Datasheet



**Brand:** AVC

**SKU:** [1037727697061](#)

**Category:** Axial & Centrifugal Fans

**Price:** **\$42.00**

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Product Page:

<https://www.equipspares.com/product/dbtb1225b2f-p074-avc-12vdc-2-04a-120x120x25mm-cooling-fan>

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## Product Description

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AVC DBTB1225B2F-P074 is a 120 x 120 x 25 mm axial fan operating at 12 VDC with a 2.04 A current rating and 24.48 W power consumption. The unit features a dual ball bearing system and a 4-wire PWM interface for precise speed control. Constructed with a PBT UL94V-0 plastic frame and impeller, it utilizes a brushless DC motor to achieve high rotational speeds and significant static pressure. The internal circuitry includes polarity protection and auto-restart functionality.

DBTB1225B2F-P074 Specifications

Model: DBTB1225B2F-P074

Brand: AVC (Asia Vital Components)

Category: DC Axial Fan

Dimensions: 120 x 120 x 25 mm

Rated Voltage: 12 VDC

Operating Voltage Range: 7.0 to 13.2 VDC

Rated Current: 2.04 A

Input Power: 24.48 W

Rated Speed: 6000 RPM

Maximum Airflow: 180.5 CFM

Maximum Airflow: 5.11 m<sup>3</sup>/min

Static Pressure: 25.4 mmH<sub>2</sub>O

Static Pressure: 1.00 inH<sub>2</sub>O

Noise Level: 64.5 dBA

Bearing Type: Dual Ball Bearing

Interface: 4-pin PWM (Pulse Width Modulation)

Wire Configuration: Red (+), Black (-), Yellow (FG), Blue (PWM)

Material Frame: Plastic (PBT UL 94V-0)

Material Impeller: Plastic (PBT UL 94V-0)

Operating Temperature: -10 to +70 °C

Storage Temperature: -40 to +75 °C

Life Expectancy: 70,000 hours at 40 °C

Safety Certifications: UL, TUV, CE, RoHS Compliant

Weight: 280 g

Protection: Polarity Protection, Auto-Restart

#### DBTB1225B2F-P074 Applications

Primary applications include integration into high-density server rack enclosures, industrial workstation chassis, and telecommunications switching equipment. Deployed within power supply units and CNC control cabinets requiring high-pressure thermal management.

## Supplemental Images

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