

DBTA0420B2HP007 AVC 12VDC 0.38A 40x40x20mm Axial Fan Datasheet



Brand: AVC

SKU: [1046002417689](#)

Category: Axial & Centrifugal Fans

Price: **\$23.86**

E-mail: sales@equipspares.com

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Product Page:

<https://www.equipspares.com/product/dbta0420b2hp007-avc-12vdc-0-38a-40x40x20mm-axial-fan>

Product Description

AVC DBTA0420B2HP007 40 x 40 x 20 mm 12 VDC 0.38 A axial cooling fan utilizes a high-performance dual ball bearing system for extended operational life. The unit features a 4-wire PWM (Pulse Width Modulation) interface for dynamic speed regulation and feedback. Constructed with a UL 94V-0 rated PBT thermoplastic frame and impeller, the fan incorporates a brushless DC motor architecture. It is designed to deliver high static pressure and concentrated airflow through a compact 40 mm footprint.

DBTA0420B2HP007 Specifications

Model: DBTA0420B2HP007

Brand: AVC (Asia Vital Components)

Dimensions: 40 x 40 x 20 mm

Nominal Voltage: 12 VDC

Operating Voltage Range: 7.0 to 13.2 VDC

Rated Current: 0.38 A

Input Power: 4.56 W

Bearing Type: Dual Ball Bearing

Rotational Speed: 15,000 RPM

Maximum Airflow: 18.5 CFM

Maximum Static Pressure: 1.2 in-H₂O

Noise Level: 52 dBA

Interface: 4-wire PWM

Lead Wire: UL 1061 AWG #28

Material: PBT Plastic (UL 94V-0)

Operating Temperature: -10 to +70 °C

Storage Temperature: -40 to +75 °C

Life Expectancy: 70,000 hours at 40 °C

Weight: 45 g

DBTA0420B2HP007 Applications

Primary applications include integration into 1U/2U rackmount server chassis, industrial PC (IPC) enclosures, and high-density network switch cooling modules. Deployed within telecommunications base stations, workstation chipset heatsinks, and specialized GPU thermal management systems requiring high static pressure.

Supplemental Images

