

DBPU0428B2SY009 AVC 12VDC 4.35A 40x40x28mm Axial Fan Datasheet



Brand: AVC

SKU: 1048074540505

Category: Axial & Centrifugal Fans

Price: **\$17.99**

E-mail: sales@equipspares.com

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Product Page:

<https://www.equipspares.com/product/dbpu0428b2sy009-avc-12vdc-4-35a-40x40x28mm-axial-fan>

Product Description

AVC DBPU0428B2SY009 is a 40 x 40 x 28 mm high-performance axial fan operating at 12 VDC with a 4.35 A current rating. The unit features a dual ball bearing system and a 4-wire interface supporting PWM speed regulation and tachometer feedback. Constructed with UL 94V-0 rated thermoplastic PBT housing and impellers, it achieves rotational speeds up to 38,000 RPM. The internal brushless DC motor architecture is optimized for high static pressure and concentrated airflow delivery through a compact 28 mm frame depth.

DBPU0428B2SY009 Specifications

Model: DBPU0428B2SY009

Brand: AVC (Asia Vital Components)

Frame Size: 40 x 40 x 28 mm

Rated Voltage: 12 VDC

Operating Voltage Range: 7.0 to 13.2 VDC

Rated Current: 4.35 A

Rated Input Power: 52.2 W

Rated Speed: 38,000 RPM

Bearing Type: Dual Ball Bearing

Termination: 4-wire (Red: +, Black: -, Yellow: FG, Blue: PWM)

Housing Material: Thermoplastic PBT (UL 94V-0)

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

Motor Type: Brushless DC

Operating Temperature: -10 to +70 °C

Storage Temperature: -40 to +75 °C

Weight: 55 g

DBPU0428B2SY009 Applications

Primary applications include integration into 1U/2U rackmount servers, high-density blade chassis, and network switch cooling modules. Deployed within telecommunications base stations and high-performance computing (HPC) power supply units requiring extreme static pressure for dense component cooling.

Supplemental Images

