

DBPH0428B2SY040 AVC 40x40x28mm 12VDC 2.00A Axial Cooling Fan Datasheet



Brand: AVC

SKU: 1042049805478

Category: Axial & Centrifugal Fans

Price: **\$19.43**

E-mail: sales@equipspares.com

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

Product Page:

<https://www.equipspares.com/product/dbph0428b2sy040-avc-40x40x28mm-12vdc-2-00a-axial-cooling-fan>

Product Description

AVC DBPH0428B2SY040 is a 40 x 40 x 28 mm high-performance axial fan operating at 12 VDC with a 2.00 A current rating. It features a dual ball bearing system and a glass fiber reinforced PBT plastic housing and impeller rated UL 94V-0. The internal motor utilizes a brushless DC design with 4-wire pulse width modulation (PWM) control and tachometer output for precise speed regulation. The unit delivers high static pressure through a specialized blade geometry designed for dense thermal environments.

DBPH0428B2SY040 Specifications

Model: DBPH0428B2SY040

Brand: AVC

Category: DC Axial Fan

Dimensions: 40 x 40 x 28 mm

Voltage: 12 VDC

Operating Voltage Range: 7.0 to 13.2 VDC

Current: 2.00 A

Power: 24.0 W

Speed: 25,000 RPM

Airflow: 32.5 CFM

Static Pressure: 75.2 mmH₂O

Noise Level: 65.0 dB(A)

Bearing Type: Dual Ball Bearing

Material: PBT Plastic (UL 94V-0)

Interface: 4-wire PWM

Operating Temperature: -10 to 70 °C

Storage Temperature: -40 to 75 °C

Life Expectancy: 70,000 hours at 40 °C

Weight: 55 g

DBPH0428B2SY040 Applications

Primary applications include integration into 1U/2U rackmount servers, high-density telecommunications switching equipment, and enterprise-grade network routers. Deployed within cryptocurrency mining rigs and industrial power supply units requiring concentrated airflow for heat sink cooling.

Supplemental Images

