

DFPQ0456B2GY001 AVC 12VDC 3.36A 40x40x56mm Axial Fan Datasheet



Brand: AVC

SKU: 1046140004426

Category: Axial & Centrifugal Fans

Price: **\$17.10**

E-mail: sales@equipspares.com

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

Product Page:

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Product Description

AVC DFPQ0456B2GY001 is a 40 x 40 x 56 mm high-performance DC axial fan operating at 12 VDC with a 3.36 A current rating. The unit features a dual-rotor counter-rotating design housed in a PBT UL 94V-0 plastic frame and impeller. It utilizes a dual ball bearing system to support rotational speeds exceeding 20,000 RPM, generating extreme static pressure and airflow. The electrical interface consists of a 4-wire configuration supporting PWM speed control and frequency generator output signals.

DFPQ0456B2GY001 Specifications

Model: DFPQ0456B2GY001

Brand: AVC

Category: DC Axial Fan

Dimensions: 40 x 40 x 56 mm

Rated Voltage: 12 VDC

Operating Voltage: 7.0 to 13.2 VDC

Rated Current: 3.36 A

Input Power: 40.32 W

Bearing Type: Dual Ball Bearing

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

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

Speed: 25,000 RPM

Termination: 4-wire

Signal Output: Tachometer (FG)

Control: Pulse Width Modulation (PWM)

Operating Temperature: -10 to +70 °C

Storage Temperature: -40 to +75 °C

Weight: 160 g

DFPQ0456B2GY001 Applications

Primary applications include integration into 1U / 2U rackmount servers, high-density blade chassis, and telecommunications switching equipment. Deployed within crypto-mining hardware and industrial power supply units requiring concentrated thermal dissipation for high-wattage components.

Supplemental Images

