DFPK0456B2GY0F6 AVC 12VDC 40x40x56mm 3.6A Server Fan Datasheet

Brand: AVC

SKU: 915707055788

Category: Axial & Centrifugal Fans

Price: **$13.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/dfpk0456b2gy0f6-avc-12vdc-40x40x56mm-3-6a-server-fan

Product Description

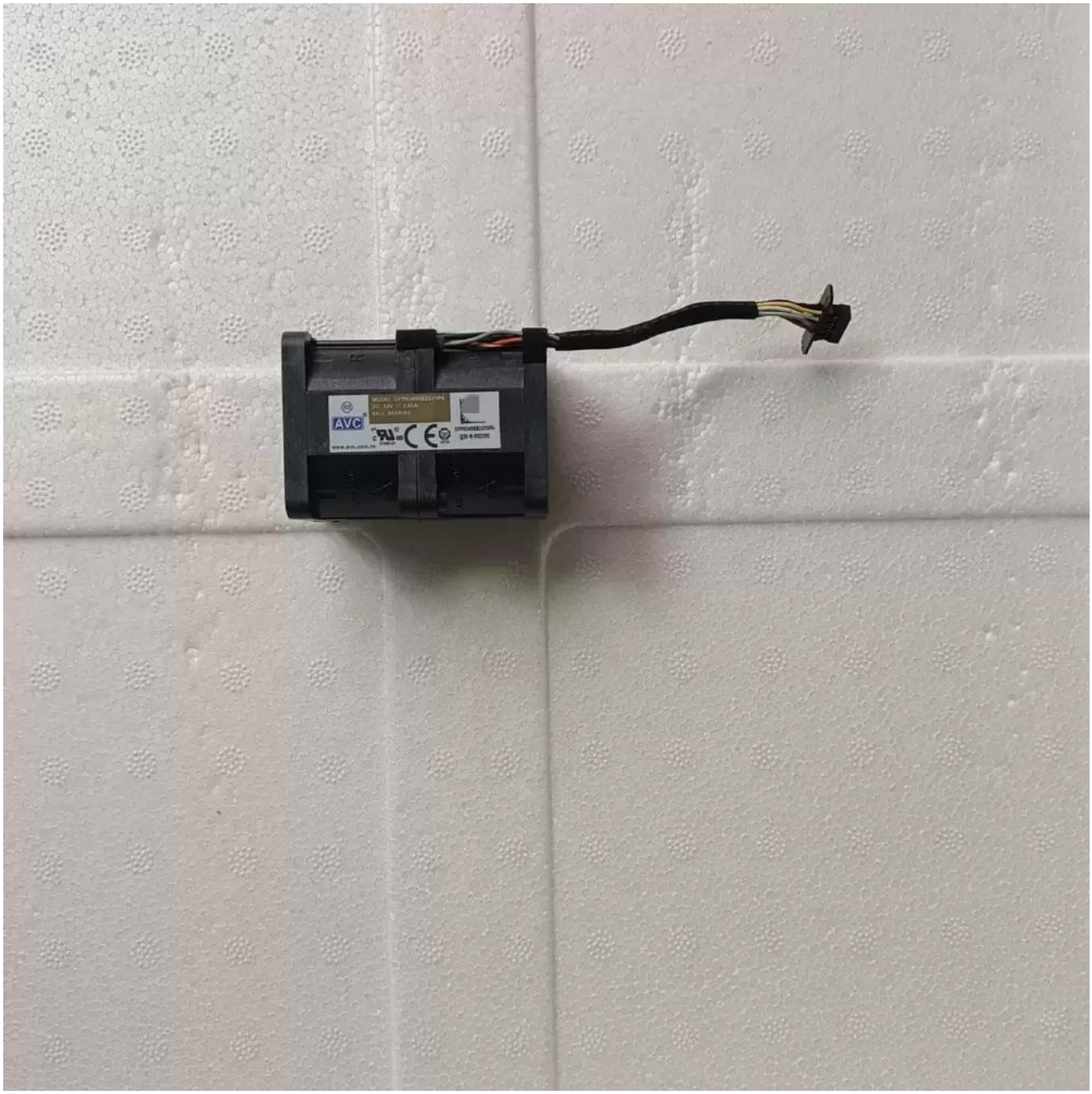
The AVC DFPK0456B2GY0F6 is a high-performance DC server fan engineered for critical thermal management applications requiring extreme static pressure. Utilizing a robust Double Ball Bearing architecture, this unit offers superior structural rigidity and extended operational lifespan under continuous high-speed loads. The 12VDC motor is designed to deliver exceptional force, effectively overcoming the high thermal impedance found in dense server racks and industrial enclosures. With integrated PWM speed control, the fan allows for dynamic duty cycle adjustments, balancing cooling efficiency with power consumption. Its compact 40x40x56mm frame houses a powerful aerodynamic design capable of generating significant pressure (2275 Pa), making it an essential component for maintaining optimal operating temperatures in high-density electronic systems.

Model Number: DFPK0456B2GY0F6
Brand: AVC
Product Type: DC Server Fan
Rated Voltage: 12VDC
Rated Current: 3.6 A
Power: 36.0 W
Rated Speed: 3200 RPM
Bearing Type: Double Ball Bearing
Max. Static Pressure: 231.98 mmH_2O (2275 Pa / 9.13 inH_2O)

Noise Level: 82.8 dB
Dimensions: 40x40x56mm
Speed Control: PWM
Condition: New, Unused

Primarily deployed in enterprise-grade hardware, the DFPK0456B2GY0F6 is ideal for cooling 1U/2U server racks, blade servers, and high-performance computing clusters where space is limited but heat generation is intense. The high static pressure capabilities of the DFPK0456B2GY0F6 make it suitable for forcing air through restrictive heatsinks in telecommunications equipment and precision medical devices. Additionally, this model serves effectively in industrial automation setups, such as CNC control cabinets, ensuring reliable component performance by preventing thermal throttling in enclosed environments.

Supplemental Images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