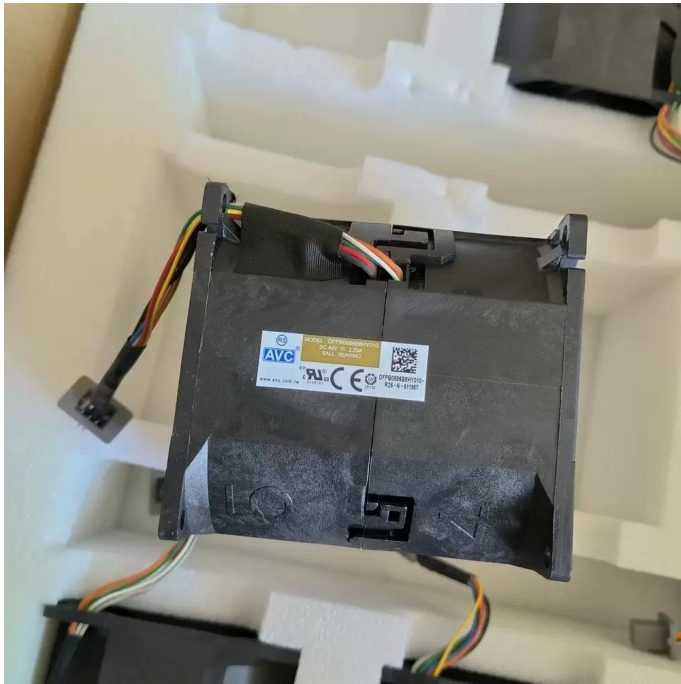


DFPB0886B8HY010 AVC 48VDC 80x80x86mm Dual Motor Axial Fan Datasheet



Brand: AVC

SKU: [983548327435](#)

Category: Axial & Centrifugal Fans

Price: **\$37.99**

E-mail: sales@equipspares.com

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

Product Page:

<https://www.equipspares.com/product/dfpb0886b8hy010-avc-48vdc-80x80x86mm-dual-motor-axial-fan>

Product Description

The AVC DFPB0886B8HY010 is a specialized high-static pressure axial fan designed for mission-critical thermal management in dense server environments. Utilizing advanced dual-motor technology with counter-rotating blade geometry, this unit maximizes airflow efficiency while significantly overcoming system impedance. The 48VDC architecture supports robust operation under heavy loads, ensuring optimal heat dissipation for high-density computing clusters. Engineered with precision ball bearings, the fan offers superior structural rigidity and longevity, maintaining performance stability even in continuous duty cycles. Its aerodynamic profile reduces turbulence-induced noise while delivering exceptional static pressure capabilities required for restricted airflow chassis.

Model Number: DFPB0886B8HY010
Brand: AVC (Asia Vital Components)
Product Type: Dual Motor Axial Fan
Rated Voltage: 48VDC
Voltage Range: 36.0 - 57.0 VDC
Rated Current: 2.20 A
Power Consumption: 105.6 W
Bearing Type: Dual Ball Bearing
Dimensions: 80 x 80 x 86 mm

Configuration: Counter-Rotating Blades (Inlet/Outlet)

Frame Material: Reinforced Plastic (UL94V-0)

Blade Material: Reinforced Plastic (UL94V-0)

Termination: 4-Wire with Connector

Speed Control: PWM (Pulse Width Modulation)

Signal Output: Tachometer (Frequency Generator)

Operating Temperature: -10°C to +70°C

Mounting Orientation: Any

Application: High Static Pressure Server Cooling

Ingress Protection: IP Standard

The DFPB0886B8HY010 is engineered primarily for high-performance computing environments where overcoming high static pressure is essential, such as in 1U or 2U server racks and blade servers. Its robust dual-motor design makes it an ideal solution for cooling telecommunications equipment, network switches, and industrial automation systems requiring redundant thermal protection. Additionally, the DFPB0886B8HY010 is frequently utilized in cryptocurrency mining rigs and precision medical instrumentation where consistent airflow is critical to prevent component throttling or thermal shutdown.

Supplemental Images

