

# DAPA1290B8FY002 AVC 48VDC 120x120x90mm Counter-Rotating Fan Datasheet



**Brand:** AVC

**SKU:** [904459440677](#)

**Category:** Axial & Centrifugal Fans

**Price:** **\$63.99**

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Product Page:

<https://www.equipspares.com/product/dapa1290b8fy002-avc-48vdc-120x120x90mm-counter-rotating-fan>

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## Product Description

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The AVC DAPA1290B8FY002 is a high-performance Counter-Rotating Fan engineered for mission-critical thermal management in high-density environments. Utilizing advanced DC motor technology and a robust dual ball bearing architecture, this unit ensures exceptional structural rigidity and prolonged operational stability under continuous load. The aerodynamic design features contra-rotating impellers to maximize static pressure and airflow throughput, effectively overcoming high thermal impedance in restricted chassis. Its precision-engineered construction meets rigorous industrial standards, delivering reliable cooling performance for demanding electronic systems.

Model Number: DAPA1290B8FY002

Brand: AVC

Product Type: Counter-Rotating Axial Fan

Rated Voltage: 48VDC

Rated Current: 14.2 A

Power: 681.6 W

Dimensions: 120 x 120 x 90 mm

Bearing Type: Dual Ball Bearing

Speed Control: PWM

Termination: 4-Wire Lead

Housing Material: Thermoplastic PBT (UL94V-0)

Blade Material: Thermoplastic PBT (UL94V-0)

Mounting Orientation: Any

Operating Temperature: -10 to +70 Degrees Celsius

Application: Server / Telecom / Industrial

The DAPA1290B8FY002 is specifically designed for high-impedance applications such as enterprise server racks, telecommunications base stations, and ASIC mining rigs where back-pressure is a significant factor. Engineers frequently deploy the DAPA1290B8FY002 in precision cooling systems requiring rapid heat dissipation from dense component arrays, ensuring optimal uptime for sensitive industrial electronics and data center infrastructure.

## Supplemental Images

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