# DA07025B12XP Yimeng 12VDC 70x70x25mm Tach Axial Fan Datasheet


**SKU:** 1015869844151

**Category:** Axial & Centrifugal Fans

**Price:** **$12.99**

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Product Page:
https://www.equipspares.com/product/da07025b12xp-yimeng-12vdc-70x70x25mm-tach-axial-fan

## Product Description

The Yimeng DA07025B12XP is a high-efficiency DC Axial Fan engineered for critical thermal management applications requiring sustained airflow and structural reliability. Utilizing a robust Double Ball Bearing architecture, this unit minimizes frictional coefficients and enhances rotational stability, significantly extending the operational lifespan under continuous duty cycles. The aerodynamic profile of the impeller is optimized to reduce turbulence while maximizing static pressure capabilities, effectively lowering the thermal impedance within dense electronic enclosures. Powered by a precision DC brushless motor, the device ensures consistent performance, making it an ideal solution for maintaining thermal equilibrium in industrial systems.

Model Number: DA07025B12XP
Brand: Yimeng
Product Type: DC Axial Fan
Rated Voltage: 12VDC
Voltage Range: 10.2 - 13.8 VDC
Rated Current: 0.42 A
Power Consumption: 5.04 W
Dimensions: 70x70x25mm
Bearing Type: Double Ball Bearing
Motor Type: DC Brushless

Speed Control: Tachometer Output (Speed Sensor)
Airflow Direction: Struts Side
Housing Material: Thermoplastic PBT (UL94V-0)
Blade Material: Thermoplastic PBT (UL94V-0)
Termination: Lead Wires
Operating Temperature: -10°C to +70°C
Mounting Style: Flange Mount
Condition: New Original

The DA07025B12XP is specifically calibrated for integration into high-density electronic environments such as rack-mounted servers, telecommunications switching gear, and industrial power supply units. Its compact form factor allows for seamless installation in restricted spaces where efficient heat dissipation is paramount to prevent component throttling. Additionally, the DA07025B12XP serves as a critical cooling component in medical instrumentation and automated CNC control systems, ensuring reliable operation by actively evacuating waste heat from sensitive circuitry.

## Supplemental Images