

# DA08025B12UA 12V 0.50A DC axial cooling fan

**SKU:** DA08025B12UA

**Price:** \$3.36

**Categories:** Fans

**Product Link:**

<https://www.electspares.com/product/da08025b12ua-12v-0-50a-dc-axial-cooling-fan/>

---

## Product Description

---

The HUAXIA HENGTAI DA08025B12UA is a high-performance DC axial fan, engineered in a compact 80mm x 80mm x 25mm form factor for optimal thermal management in electronic systems. This fan operates on 12V DC, effectively moving air with its 0.50A current draw and 6W power consumption. Achieving a rapid 4800 RPM, it provides robust airflow. Equipped with dual ball bearings for enhanced longevity, a key feature is its 4-wire termination, which typically allows for advanced control functionalities like speed sensing (tachometer output) and precise speed modulation (PWM input), offering greater flexibility in cooling strategies. This makes it an ideal component for sophisticated applications requiring adaptable airflow control and reliable performance.

DA08025B12UA Fan Parameters

Model: DA08025B12UA

Manufacturer: HUAXIA HENGTAI

Type: DC Axial Fan

Dimensions: 80mm x 80mm x 25mm

Rated Voltage: 12 VDC

Operating Voltage Range: 6 VDC - 13.8 VDC

Rated Current: 0.50A

Power Consumption: 6.0 W

Speed: 4800 RPM

Airflow: 48 CFM (approx.)

Static Pressure: 0.20 inch H<sub>2</sub>O (approx.)

Noise Level: 45 dB(A) (approx.)

Bearing Type: Dual Ball Bearing

Frame Material: Plastic (UL94V-0)

Impeller Material: Plastic (UL94V-0)

Termination: 4-Wire Leads (with speed sensor and PWM input)

Operating Temperature: -10°C to +70°C

Life Expectancy: 50,000 hours (at 40°C)

Weight: 85 g

Features: Electronically commutated, Locked rotor protection, Auto-restart capability, PWM speed control, Tachometer output.

Application: Server cooling, power supply units (PSUs), networking equipment, industrial control systems, automotive electronics, general purpose component cooling.

## **Product Images**

---









---

Scan for product details:

