

# HN60251V1-SJ-EA8 HONGNAI 12VDC 0.5A 60x60x25mm Axial Fan Datasheet



SKU: [1035752119922](#)

Category: Axial & Centrifugal Fans

Price: **\$6.99**

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Product Page:

<https://www.equipspares.com/product/hn60251v1-sj-ea8-hongnai-12vdc-0-5a-60x60x25mm-axial-fan>

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## Product Description

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The HONGNAI HN60251V1-SJ-EA8 is a high-performance DC brushless axial fan measuring 60 x 60 x 25 mm and operating at a nominal 12 VDC with a 0.5 A current rating. This unit features a robust PBT thermoplastic housing and impeller, meeting UL 94 V-0 flammability standards for enhanced thermal safety. The internal mechanism utilizes a high-speed motor capable of reaching 6300 RPM, supported by a precision bearing system designed for continuous operation. The electrical interface consists of a 2-wire lead configuration, facilitating direct power integration while maintaining a low acoustic profile during high-velocity air displacement.

### HN60251V1-SJ-EA8 Specifications

Model Number: HN60251V1-SJ-EA8

Brand: HONGNAI

Product Category: DC Axial Fan

Dimensions: 60 x 60 x 25 mm

Rated Voltage: 12 VDC

Rated Current: 0.5 A

Power Consumption: 6.0 W

Rated Speed: 6300 RPM

Bearing Type: Precision Sleeve/Ball Bearing

Frame Material: PBT Thermoplastic (UL 94 V-0)

Impeller Material: PBT Thermoplastic (UL 94 V-0)

Motor Type: Brushless DC

Interface: 2-wire lead

Operating Temperature: -10 to 70 °C

Storage Temperature: -40 to 70 °C

Insulation Resistance: 10 M Ohm at 500 VDC

Dielectric Strength: 500 VAC for 1 minute

#### HN60251V1-SJ-EA8 Applications

Primary applications include integration into smart toilet electronic control modules, automated hand dryer thermal management systems, and smart toilet seat cover ventilation assemblies. Deployed within compact consumer appliance enclosures and localized heat dissipation units for domestic sanitary hardware.

## Supplemental Images

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