

YDH6015B12 YCCFAN 12VDC 0.3A 60x60x15mm Axial Cooling Fan Datasheet



Brand: YCCFAN

SKU: [1007494233524](#)

Category: Axial & Centrifugal Fans

Price: **\$2.99**

E-mail: sales@equipspares.com

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

Product Page:

<https://www.equipspares.com/product/ydh6015b12-yccfan-12vdc-0-3a-60x60x15mm-axial-cooling-fan>

Product Description

YCCFAN YDH6015B12 is a 60 x 60 x 15 mm axial cooling fan operating at 12 VDC with a 0.3 A current rating and 3.6 W power consumption. The unit features a dual ball bearing system housed within a PBT plastic (UL 94V-0) frame and impeller. It utilizes a 3-wire interface for power and signal feedback, delivering a rotational speed of 5500 RPM. The internal brushless DC motor is protected by impedance and polarity safeguards, ensuring consistent airflow of 24.22 CFM and a static pressure of 5.85 mmH₂O.

YDH6015B12 Specifications

Model: YDH6015B12

Brand: YCCFAN

Category: DC Axial Fan

Dimensions: 60 x 60 x 15 mm

Rated Voltage: 12 VDC

Operating Voltage: 7.0 to 13.8 VDC

Rated Current: 0.3 A

Input Power: 3.6 W

Rated Speed: 5500 RPM

Maximum Airflow: 24.22 CFM

Static Pressure: 5.85 mmH₂O

Noise Level: 40.5 dBA

Bearing Type: Dual Ball Bearing

Interface: 3-wire (Lead wires)

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

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

Operating Temperature: -10 to +70 °C

Storage Temperature: -40 to +80 °C

Life Expectancy: 70,000 hours at 40 °C

Weight: 35 g

Insulation Resistance: 10 M Ohm at 500 VDC

Dielectric Strength: 5 mA Max at 500 VAC for 1 minute

Certifications: CE, TUV, UL, RoHS

YDH6015B12 Applications

Primary applications include integration into server rack enclosures, network switch chassis, and industrial power supply units requiring compact thermal management. Deployed within medical diagnostic equipment, CNC controller cabinets, and telecommunication base station cooling modules to maintain optimal operating temperatures for sensitive electronic components.

Supplemental Images

