

YY8025L12B SNOWFAN 12VDC 0.14A 80x80x25mm Axial Fan Datasheet



Brand: SNOWFAN

SKU: 772740335947

Category: Axial & Centrifugal Fans

Price: \$9.99

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Product Page:

<https://www.equipspares.com/product/yy8025l12b-snowfan-12vdc-0-14a-80x80x25mm-axial-fan>

Product Description

The SNOWFAN YY8025L12B is a precision-engineered DC Axial Fan designed for optimal thermal management in electronic enclosures. Utilizing advanced DC motor technology paired with a robust Dual Ball Bearing architecture, this unit ensures minimized friction and extended operational longevity compared to sleeve bearing alternatives. The aerodynamic impeller design reduces turbulence, thereby lowering acoustic noise while maintaining consistent airflow. Its structural rigidity is reinforced by a durable thermoplastic frame, making it suitable for continuous duty cycles where thermal impedance must be strictly controlled and reliability is paramount.

Model Number: YY8025L12B

Brand: SNOWFAN

Product Type: DC Axial Fan

Rated Voltage: 12 VDC

Voltage Range: 7.0 - 13.8 VDC

Rated Current: 0.14 A

Power Consumption: 1.68 W

Rated Speed: 2500 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 32.5 CFM (55.2 m³/h / 0.92 m³/min)

Max. Static Pressure: 2.9 mmH₂O (28.4 Pa / 0.11 inH₂O)

Dimensions: 80 x 80 x 25 mm

Weight: 75 g

Life Expectancy: 50,000 Hours at 40°C

Noise Level: 28.0 dB(A)

Termination: 2-Wire Lead (Red +, Black -)

Wire Length: 400 mm

Housing Material: PBT Thermoplastic (UL94V-0)

Impeller Material: PBT Thermoplastic (UL94V-0)

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Ingress Protection: IP20

Mounting Orientation: Any

The YY8025L12B is engineered for versatile integration into compact electronic assemblies requiring reliable forced-air cooling. Common deployment scenarios include power supply units, small-form-factor server racks, and telecommunications equipment where space is at a premium but airflow cannot be compromised. The YY8025L12B effectively dissipates heat in DVR systems and industrial automation control panels, ensuring component stability. Its extended 400mm cable length facilitates flexible routing in complex chassis layouts.

Supplemental Images

