

CC8025L12S COOLCOX 12VDC 80x80x25mm Silent Axial Fan Datasheet



SKU: [CC8025L12S](#)

Category: Industrial Fans

Price: **\$9.99**

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Product Page:

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Product Description

The COOLCOX CC8025L12S is a precision-engineered Axial Fan designed for applications requiring a balance between airflow efficiency and acoustic performance. Utilizing a reliable Sleeve Bearing architecture, this unit ensures consistent operation within standard thermal environments while maintaining a low noise profile. The aerodynamic impeller design minimizes turbulence, thereby reducing structural vibration and thermal impedance in compact enclosures. Engineered with a PBT thermoplastic frame, it offers structural rigidity and resistance to deformation under thermal stress. This 12VDC cooling solution is optimized for low-power consumption while maintaining adequate static pressure for component cooling.

Model Number: CC8025L12S

Brand: COOLCOX

Product Type: Axial Fan

Rated Voltage: 12VDC

Voltage Range: 10.2 - 13.8 VDC

Rated Current: 0.10 A

Power Consumption: 1.20 W

Rated Speed: 2500 RPM

Bearing Type: Sleeve Bearing

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

Max. Static Pressure: 2.54 mmH₂O (24.91 Pa / 0.10 inH₂O)

Dimensions: 80x80x25mm

Noise Level: 26.0 dBA

Housing Material: PBT Thermoplastic (UL94V-0)

Blade Material: PBT Thermoplastic (UL94V-0)

Termination: 2-Wire Lead

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Life Expectancy: 30,000 Hours at 25°C

Weight: 62 g

Mounting Orientation: Vertical or Horizontal

The CC8025L12S is specifically engineered for thermal management in compact electronic enclosures and industrial control systems. Its low-noise profile makes the CC8025L12S ideal for desktop chassis, power supply units, and DIY cooling projects where acoustic dampening is a priority. Additionally, this model serves effectively in network communication equipment and server rack auxiliary cooling, ensuring critical components remain within safe operating temperature ranges without introducing excessive vibration or noise pollution.

Supplemental Images

