

# FD128025LS Y.S.TECH 12VDC 80x80x25mm Sleeve Axial Fan Datasheet



**Brand:** Y.S.TECH

**SKU:** 998182107106

**Category:** Axial & Centrifugal Fans

**Price:** \$7.99

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Product Page:

<https://www.equipspares.com/product/fd128025ls-y-s-tech-12vdc-80x80x25mm-sleeve-axial-fan>

## Product Description

The Y.S.TECH FD128025LS is a precision-engineered DC axial fan designed for optimal thermal management in electronic enclosures requiring low-noise operation. Utilizing an advanced sleeve bearing architecture, this unit ensures consistent rotational stability while minimizing frictional noise generation, resulting in a superior acoustic profile. The aerodynamic impeller design reduces turbulence, thereby lowering thermal impedance within high-density circuitry. Constructed with a durable thermoplastic frame (UL94V-0), the FD128025LS balances structural rigidity with efficient airflow performance, making it a reliable component for continuous duty cycles in moderate temperature environments.

Model Number: FD128025LS

Brand: Y.S.TECH

Product Type: DC Axial Fan

Rated Voltage: 12 VDC

Voltage Range: 7.0 - 13.2 VDC

Rated Current: 0.10 A

Power: 1.20 W

Rated Speed: 2300 RPM

Bearing Type: Sleeve Bearing

Max. Air Flow: 31.5 CFM (53.52 m<sup>3</sup>/h / 0.89 m<sup>3</sup>/min)

Max. Static Pressure: 2.20 mmH<sub>2</sub>O (21.57 Pa / 0.09 inH<sub>2</sub>O)

Dimensions: 80 x 80 x 25 mm

Weight: 75 g

Life Expectancy: 30,000 Hours @ 40°C

Noise Level: 26.0 dBA

Termination: 2-Wire (Lead Wires)

Housing Material: PBT Thermoplastic (UL94V-0)

Blade Material: PBT Thermoplastic (UL94V-0)

Operating Temperature: -10 to +70 °C

Storage Temperature: -40 to +75 °C

Motor Protection: Impedance Protected

Polarity Protection: Reverse Polarity Protected

The FD128025LS is frequently utilized in noise-sensitive industrial and consumer electronics, such as home theater PC (HTPC) chassis, small form-factor power supplies, and network attached storage (NAS) units. Its balanced airflow-to-noise ratio makes the FD128025LS an ideal solution for ventilating rack-mounted audio equipment and medical instrumentation where acoustic interference must be minimized while maintaining thermal equilibrium.

## Supplemental Images

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