

FD123010LS Y.S.TECH 12VDC 30x30x10mm Sleeve Axial Fan Datasheet



Brand: Y.S.TECH

SKU: [991493244689](#)

Category: Axial & Centrifugal Fans

Price: **\$9.99**

E-mail: sales@equipspares.com

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Product Page:

<https://www.equipspares.com/product/fd123010ls-y-s-tech-12vdc-30x30x10mm-sleeve-axial-fan>

Product Description

The Y.S.TECH FD123010LS is a compact Axial Fan designed for precision thermal management in space-constrained industrial environments. Engineered with a sintered sleeve bearing architecture, this unit optimizes rotational stability while minimizing acoustic resonance during operation. The 12VDC motor utilizes advanced electromagnetic design to deliver consistent airflow with low power consumption (0.07A), ensuring efficient heat dissipation. Constructed with high-rigidity PBT materials, the frame offers superior structural integrity and thermal impedance resistance, making it suitable for continuous duty in sensitive electronic assemblies.

Model Number: FD123010LS

Brand: Y.S.TECH

Product Type: Axial Fan

Rated Voltage: 12VDC

Voltage Range: 10.2 - 13.8 VDC

Rated Current: 0.07 A

Power: 0.84 W

Rated Speed: 8000 RPM

Bearing Type: Sleeve Bearing

Max. Air Flow: 3.50 CFM (5.94 m³/h / 0.09 m³/min)

Max. Static Pressure: 2.50 mmH₂O (24.5 Pa / 0.10 inH₂O)

Dimensions: 30 x 30 x 10 mm

Weight: 8.0 g

Life Expectancy: 30,000 Hours @ 40°C

Noise Level: 24.0 dB(A)

Termination: 2-Wire Lead

Housing Material: PBT (UL94V-0)

Blade Material: PBT (UL94V-0)

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Ingress Protection: IP20

Mounting Orientation: Any

The FD123010LS is specifically engineered for high-density electronic enclosures where internal clearance is minimal yet thermal reliability is critical. Common deployment scenarios include cooling chipsets in industrial control units, ventilating compact server rack components, and maintaining optimal operating temperatures in medical diagnostic equipment. The FD123010LS provides essential airflow to prevent thermal throttling in embedded systems and network switches, ensuring longevity and performance stability in 24/7 operational environments.

Supplemental Images

