

FD124020LL-N Y.S.TECH 12VDC 0.06A 40x40x20mm Axial Fan Datasheet



Brand: Y.S.TECH

SKU: [659968364808](#)

Category: Axial & Centrifugal Fans

Price: **\$15.99**

E-mail: sales@equipspares.com

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Product Page:

<https://www.equipspares.com/product/fd124020ll-n-y-s-tech-12vdc-0-06a-40x40x20mm-axial-fan>

Product Description

The Y.S.TECH FD124020LL-N is a DC axial fan engineered for precision thermal management in compact industrial enclosures. Utilizing a brushless DC motor and the proprietary Sintetico bearing architecture, this unit minimizes thermal impedance while maintaining high structural rigidity. Its aerodynamic impeller design is optimized for a balance between static pressure and acoustic efficiency, ensuring reliable operation in continuous-duty cycles. The 40x40x20mm frame provides a robust solution for localized cooling requirements where space is at a premium and long-term reliability is critical for system longevity.

Model Number: FD124020LL-N

Brand: Y.S.TECH

Product Type: Axial Fan

Rated Voltage: 12VDC

Voltage Range: 10.2 - 13.8 VDC

Rated Current: 0.06A

Power: 0.72W

Rated Speed: 5000 RPM

Bearing Type: Sintetico Bearing

Max. Air Flow: 5.5 CFM (9.3 m³/h / 0.15 m³/min)

Max. Static Pressure: 3.5 mmH₂O (34.3 Pa / 0.14 inH₂O)

Dimensions: 40x40x20mm

Weight: 25g

Life Expectancy: 50,000 Hours

Noise Level: 21.0 dBA

Housing Material: Plastic (UL94V-0)

Blade Material: Plastic (UL94V-0)

Termination: 2 Lead Wires

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Protection: Locked Rotor Protection

Certifications: UL, TUV, CE

The FD124020LL-N is primarily utilized in power supply units, small-form-factor servers, and network switches where quiet operation is paramount. Its compact 40mm profile makes the FD124020LL-N an ideal choice for medical diagnostic equipment, industrial control panels, and telecommunications hardware requiring consistent airflow for sensitive electronic components.

Supplemental Images

