

FD1260255B-2A Y.S.TECH 12VDC 60x60x25mm 3-Wire Axial Fan Datasheet



Brand: Y.S.TECH

SKU: 990065756182

Category: Axial & Centrifugal Fans

Price: \$12.99

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Product Page:

<https://www.equipspares.com/product/fd1260255b-2a-y-s-tech-12vdc-60x60x25mm-3-wire-axial-fan>

Product Description

The Y.S.TECH FD1260255B-2A is a precision-engineered DC Axial Fan designed for critical thermal management applications requiring sustained airflow and reliability. Utilizing advanced brushless DC motor technology paired with a durable ball bearing architecture, this unit minimizes frictional losses while optimizing rotational stability. The aerodynamic impeller design reduces turbulence, thereby lowering acoustic noise and enhancing static pressure capabilities. Constructed with high-grade thermoplastic materials, the FD1260255B-2A ensures structural rigidity and resistance to environmental stressors, making it an ideal solution for systems demanding low thermal impedance and long-term operational consistency.

Model Number: FD1260255B-2A

Brand: Y.S.TECH

Product Type: DC Axial Fan

Rated Voltage: 12 VDC

Voltage Range: 7.0 - 13.2 VDC

Rated Current: 0.12 A

Input Power: 1.44 W

Rated Speed: 4800 RPM

Bearing Type: Two Ball Bearing

Max. Air Flow: 23.2 CFM (39.4 m³/h / 0.66 m³/min)

Max. Static Pressure: 5.8 mmH₂O (56.9 Pa / 0.23 inH₂O)

Dimensions: 60 x 60 x 25 mm

Weight: 58 g

Life Expectancy: 70,000 Hours @ 40°C

Termination: 3-Wire Lead (Red +, Black -, Yellow Signal)

Speed Control: Tachometer Output (FG Signal)

Noise Level: 34.0 dBA

Housing Material: PBT (UL94V-0)

Impeller Material: PBT (UL94V-0)

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +75°C

Ingress Protection: IP4X

Certifications: UL, CUL, TUV, CE

The FD1260255B-2A is engineered to support high-density electronic environments, including rack-mounted servers, telecommunications equipment, and industrial power supply units. Its compact form factor allows for seamless integration into restricted enclosures found in medical instrumentation and CNC control panels. By delivering consistent cooling performance, the FD1260255B-2A effectively mitigates hotspots in network switches and embedded systems, ensuring component longevity and system stability in continuous duty cycles.

Supplemental Images

