FD1260105S-1N Y.S.TECH 12VDC 60x60x10mm 1.44W Axial Fan Datasheet

Brand: Y.S.TECH

SKU: 737668015604

Category: Axial & Centrifugal Fans

Price: **$14.99**

E-mail: sales@equipspares.com

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Product Page:
https://www.equipspares.com/product/fd1260105s-1n-y-s-tech-12vdc-60x60x10mm-1-44w-axial-fan

Product Description

The Y.S.TECH FD1260105S-1N is a precision-engineered Axial Fan designed for optimal thermal management in compact electronic assemblies. Utilizing advanced DC brushless motor technology combined with a low-friction Sleeve Bearing architecture, this unit ensures consistent airflow delivery while minimizing mechanical vibration. The 60x60x10mm frame is constructed to maintain structural rigidity under thermal stress, effectively reducing thermal impedance in high-density circuits. Its aerodynamic blade design maximizes static pressure efficiency for reliable cooling performance in space-constrained environments.

Model Number: FD1260105S-1N
Brand: Y.S.TECH
Product Type: Axial Fan
Rated Voltage: 12VDC
Voltage Range: 7.0 - 13.2 VDC
Rated Current: 0.12 A
Power: 1.44 W
Rated Speed: 4200 RPM
Bearing Type: Sleeve Bearing
Max. Air Flow: 18.2 CFM (30.9 m^3/h / 0.51 m^3/min)
Max. Static Pressure: 2.9 mmH_2O (28.4 Pa / 0.11 inH_2O)

Dimensions: 60x60x10mm
Weight: 26 g
Life Expectancy: 30,000 Hours @ 40°C
Noise Level: 31.0 dBA
Housing Material: PBT (UL94V-0)
Blade Material: PBT (UL94V-0)
Termination: 2 Lead Wires (Red/Black)
Operating Temperature: -10°C to +70°C
Storage Temperature: -40°C to +70°C
Ingress Protection: IP40
Motor Type: DC Brushless
Safety Certifications: CE, UL, TUV

This cooling solution is specifically engineered for space-constrained environments requiring reliable heat dissipation. The FD1260105S-1N is frequently integrated into 1U server rack chassis, compact power supply units, and network switches where vertical clearance is limited. Additionally, the FD1260105S-1N serves as a critical component in industrial automation controllers and DVR systems, ensuring component longevity by preventing thermal throttling in continuous operation scenarios.

Supplemental Images