FD7025S2M-AP00 Fzyfan 12VDC 70x70x25mm Sleeve Axial Fan Datasheet

SKU: 917139169598

Category: Axial & Centrifugal Fans

Price: **$6.99**

E-mail: sales@equipspares.com

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Product Page:
https://www.equipspares.com/product/fd7025s2m-ap00-fzyfan-12vdc-70x70x25mm-sleeve-axial-fan

Product Description

The Fzyfan FD7025S2M-AP00 is a precision-engineered DC Axial Fan designed for optimal thermal management in compact electronic enclosures and power supply units. Utilizing a durable Sleeve Bearing architecture, this unit balances rotational stability with acoustic efficiency, ensuring prolonged operational lifecycles under standard ambient conditions. The 70mm frame is constructed from reinforced thermoplastic (UL94V-0), providing high structural rigidity and resistance to vibration. Its aerodynamic impeller design minimizes turbulence while maximizing static pressure delivery, effectively reducing thermal impedance in high-density circuitry. This 12VDC cooling solution is optimized for consistent airflow performance, making it a reliable component for maintaining system integrity in industrial and consumer electronics.

Model Number: FD7025S2M-AP00
Brand: Fzyfan
Product Type: DC Axial Fan
Rated Voltage: 12 VDC
Voltage Range: 10.2 - 13.8 VDC
Rated Current: 0.15 A
Input Power: 1.80 W
Rated Speed: 2900 RPM
Bearing Type: Sleeve Bearing

Max. Air Flow: 26.0 CFM (44.17 m^3/h)
Max. Static Pressure: 2.8 mmH_2O (27.46 Pa / 0.11 inH_2O)
Dimensions: 70 x 70 x 25 mm
Noise Level: 29.0 dBA
Housing Material: PBT Thermoplastic (UL94V-0)
Impeller Material: PBT Thermoplastic (UL94V-0)
Termination: Lead Wires
Operating Temperature: -10°C to +70°C
Life Expectancy: 30,000 Hours (at 40°C)
Weight: 65 g

The FD7025S2M-AP00 is engineered for versatile deployment in thermal regulation applications, specifically excelling in battery charger units and compact computer chassis environments. Its form factor allows for seamless integration into power supply units and industrial automation control panels where space is at a premium. By delivering consistent airflow, the FD7025S2M-AP00 effectively dissipates heat generated by IC chips and integrated circuits, preventing thermal throttling in telecommunications equipment and ensuring the reliability of sensitive electronic components in continuous duty cycles.

Supplemental Images


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