

9A0812S4021 Sanyo Denki 12VDC 0.18A 80x80x25mm Axial Fan Datasheet



Brand: Sanyo Denki

SKU: [1024558430486](#)

Category: Axial & Centrifugal Fans

Price: **\$17.99**

E-mail: sales@equipspares.com

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Product Page:

<https://www.equipspares.com/product/9a0812s4021-sanyo-denki-12vdc-0-18a-80x80x25mm-axial-fan>

Product Description

The Sanyo Denki 9A0812S4021 is a high-precision DC axial fan engineered for critical thermal management in industrial environments. Utilizing a brushless DC motor architecture, this unit minimizes thermal impedance through optimized blade geometry and a robust frame design. The dual ball bearing system ensures structural rigidity and long-term rotational stability, even under continuous duty cycles. Designed for efficient heat dissipation, the aerodynamic profile is tuned to balance static pressure and volumetric airflow, making it an ideal solution for maintaining component longevity in high-density electronic enclosures where reliability is paramount.

Model Number: 9A0812S4021

Brand: Sanyo Denki

Product Type: Axial Fan

Rated Voltage: 12VDC

Voltage Range: 8.4 - 13.8 VDC

Rated Current: 0.18A

Power: 2.16W

Rated Speed: 2900 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 37.4 CFM (1.06 m³/min)

Max. Static Pressure: 3.5 mmH₂O (34.3 Pa)

Dimensions: 80x80x25mm

Weight: 100g

Life Expectancy: 40,000 Hours at 60°C

Noise Level: 29 dB(A)

Housing Material: Plastic (UL94V-0)

Blade Material: Plastic (UL94V-0)

Termination: 2-Lead Wires

Operating Temperature: -10 to +70°C

Storage Temperature: -30 to +70°C

Protection Features: Locked Rotor Protection, Reverse Polarity Protection

Certifications: UL, CSA, TUV, RoHS

The 9A0812S4021 is specifically designed for integration into server chassis, power supply units, and industrial automation controllers. Given its compact 80mm form factor, the 9A0812S4021 excels in cooling telecommunications equipment and medical diagnostic devices where consistent airflow is required to prevent localized hotspots. Its durable construction makes it suitable for CNC machinery cabinets and laboratory instrumentation, ensuring that the 9A0812S4021 provides dependable thermal regulation across a wide range of professional hardware applications.

Supplemental Images

