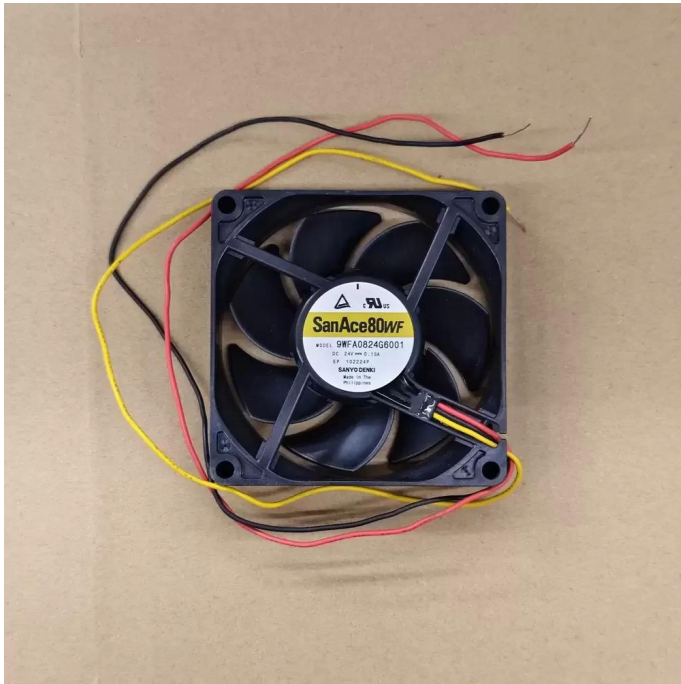


9WFA0824G6001 Sanyo Denki 24VDC 80x80x20mm Axial Fan Datasheet



Brand: Sanyo Denki

SKU: 1036401188638

Category: Axial & Centrifugal Fans

Price: **\$64.99**

E-mail: sales@equipspares.com

Web: <https://www.equipspares.com>

Product Page:

<https://www.equipspares.com/product/9wfa0824g6001-sanyo-denki-24vdc-80x80x20mm-axial-fan>

Product Description

Sanyo Denki 9WFA0824G6001 is a 24VDC 80x80x20mm Axial Fan optimized for high-reliability thermal management in environments prone to moisture and dust ingress. This San Ace 80WF series component features a precision-engineered dual ball bearing architecture and a brushless DC motor designed to minimize thermal impedance while maintaining structural rigidity under continuous operation. The aerodynamic impeller design is balanced to deliver a potent 42.4 CFM of airflow at a rated speed of 4500 RPM, drawing only 0.15A. Its IP68-rated construction ensures complete protection against water submersion and particulate matter, making it a critical solution for maintaining optimal operating temperatures in high-density industrial enclosures.

Model Number: 9WFA0824G6001

Brand: Sanyo Denki

Product Type: Axial Fan

Rated Voltage: 24 VDC

Voltage Range: 14.0 - 27.6 VDC

Rated Current: 0.15 A

Power: 3.6 W

Rated Speed: 4500 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 42.4 CFM (1.20 m³/min)

Max. Static Pressure: 6.99 mmH₂O (68.6 Pa)

Dimensions: 80 x 80 x 20 mm

Weight: 110 g

Life Expectancy: 60,000 Hours at 60°C

Noise Level: 40 dB(A)

Ingress Protection: IP68 (Waterproof/Dustproof)

Speed Control: Tachometer (Pulse Sensor)

Termination: 3-Lead Wires

Frame Material: Aluminum

Impeller Material: Plastic (UL94V-0)

Operating Temperature: -20 to +70 °C

Protection Features: Locked Rotor Burnout Protection, Reverse Polarity Protection

9WFA0824G6001 Applications

1. Outdoor Telecom Inverters: The IP68 rating and 24VDC architecture make this an ideal replacement fan for cooling power conversion modules in ruggedized cellular base stations.
2. Industrial VFD Control Cabinets: High static pressure capability allows for efficient heat dissipation through dense filter media in variable frequency drive enclosures.
3. Marine Electronics: The aluminum frame and sealed motor provide the necessary corrosion resistance for cooling navigation and sonar processing units in maritime environments.

Supplemental Images

