

9SG5748P5H01 Sanyo Denki 48V 172x150x51mm DC Axial Fan

SKU: 9SG5748P5H01

Price: \$198.27

Categories: Fans

Tags: Sanyo Denki

Product Link:

<https://www.electspares.com/product/9sg5748p5h01-sanyo-denki-48v-172x150x51mm-dc-axial-fan/>

Product Description

The Sanyo Denki 9SG5748P5H01 is a high-performance 48VDC axial fan with dimensions of 172 x 150 x 51 mm, part of the specialized San Ace 172 9SG high-static pressure series. This model is specifically engineered for high-density telecommunications base stations, server racks, and industrial equipment requiring high-velocity airflow in high-impedance environments. Operating on a 48 VDC supply, it delivers a Power Consumption of 77.76 W and a Current Draw of 1.62 A at a rated speed of 6500 RPM. Featuring a dual ball bearing system, a robust aluminum frame, and a 4-wire PWM interface for precision speed control and tachometer feedback, it ensures superior aerodynamic efficiency with a Max. Static Pressure of 3.09 inAq (770.0 Pa) and reliable continuous S1 operation at the end.

9SG5748P5H01 Fan Parameters

Model Number: 9SG5748P5H01

Manufacturer: Sanyo Denki

Series: San Ace 172 (9SG Type)

Type: DC Axial Fan

Dimensions: 172 x 150 x 51 mm

Weight: 800 g

Bearing Type: Dual ball bearing

Nominal Voltage: 48 VDC

Operating Voltage Range: 36.0 - 72.0 VDC

Current Draw: 1.62 A

Power Consumption: 77.76 W

Rated Speed: 6500 RPM

Max. Air Flow: 324.9 CFM (552.0 m³/h / 9.20 m³/min)

Max. Static Pressure: 78.52 mmH₂O (770.0 Pa / 3.09 inAq)

Sound Pressure Level: 70 dB(A)

Control Interface: 4-wire PWM

Sensor Output: Pulse sensor (Tachometer)

Impeller Material: Plastic (UL 94V-0)

Frame Material: Aluminum

Direction of Rotation: Counter-clockwise (viewed toward rotor)

Degree of Protection: IP00

Expected Life: 40000 hours at 60 °C (70000 hours at 40 °C)

Motor Protection: Locked rotor burnout protection / Reverse polarity protection

Installation Position: Any

Mode: Continuous operation (S1)

Max. Ambient Temperature: 70 °C

Min. Ambient Temperature: -20 °C

Standard Compliance: UL; CSA; TÜV; CE; RoHS

Application

The Sanyo Denki 9SG5748P5H01 axial fan is the primary cooling solution for 5G telecommunications infrastructure, high-output power supplies, and networking chassis requiring high-velocity airflow and extreme static pressure in a 172mm sidecut configuration.

Product Images









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