

9CRA0848P8G001 Sanyo Denki 48VDC 80x80x80mm CR Fan Datasheet



Brand: Sanyo Denki

SKU: [1015987808125](#)

Category: Axial & Centrifugal Fans

Price: **\$51.99**

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Product Page:

<https://www.equipspares.com/product/9cra0848p8g001-sanyo-denki-48vdc-80x80x80mm-cr-fan>

Product Description

The Sanyo Denki 9CRA0848P8G001 is a specialized Counter Rotating (CR) fan engineered for high-impedance thermal management systems. Utilizing a sophisticated dual-motor architecture, this unit features two impellers rotating in opposite directions to straighten airflow and significantly increase static pressure compared to single-stage counterparts. The 48VDC drive system is optimized for telecom and industrial power grids, while the precision dual ball bearing assembly ensures minimal thermal impedance and exceptional structural rigidity under load. This aerodynamic design maximizes volumetric efficiency, making it a critical component for maintaining thermal stability in densely packed electronic enclosures.

Model Number: 9CRA0848P8G001

Brand: Sanyo Denki (San Ace 80)

Product Type: Counter Rotating Axial Fan

Rated Voltage: 48VDC

Voltage Range: 36.0 - 72.0 VDC

Rated Current: 1.32 A

Power Consumption: 63.4 W

Rated Speed: 9400 RPM (Inlet) / 8800 RPM (Outlet)

Bearing Type: Dual Ball Bearing

Max. Air Flow: 134.2 CFM (3.8 m³/min)

Max. Static Pressure: 580 Pa (2.33 inH₂O)

Dimensions: 80mm x 80mm x 80mm

Weight: 400 g

Life Expectancy: 40,000 Hours @ 60°C (L10)

Speed Control: PWM (Pulse Width Modulation)

Sensor Output: Pulse Sensor (Tachometer)

Ingress Protection: IP Standard

Frame Material: Plastics (UL94V-0)

Impeller Material: Plastics (UL94V-0)

Operating Temperature: -20°C to +70°C

Storage Temperature: -30°C to +70°C

Motor Protection: Locked Rotor Protection, Reverse Polarity Protection

Dielectric Strength: 50/60 Hz, 500 VAC, 1 minute

The 9CRA0848P8G001 is specifically designed for applications requiring high static pressure to overcome system resistance, such as 2U server chassis, telecommunications base stations, and RAID storage arrays. Its robust dual-motor configuration allows the 9CRA0848P8G001 to deliver concentrated cooling to hotspots in industrial automation equipment and automotive cooling systems where standard axial fans fail to penetrate high-density component layouts.

Supplemental Images

