

9CRV0412P5J201 Sanyo Denki 12VDC 1.8A 40x40x56mm Fan Datasheet



Brand: Sanyo Denki

SKU: [859991998041](#)

Category: Axial & Centrifugal Fans

Price: **\$54.99**

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<https://www.equipspares.com/product/9crv0412p5j201-sanyo-denki-12vdc-1-8a-40x40x56mm-fan>

Product Description

The Sanyo Denki 9CRV0412P5J201 is a high-static pressure Counter Rotating Fan designed for environments requiring exceptional aerodynamic efficiency within a compact footprint. Engineered with the San Ace 40 9CRV architecture, this unit utilizes dual-motor technology to maximize airflow density and overcome significant system impedance. The robust frame construction ensures structural rigidity under high-velocity operation, while the precision-balanced impeller assembly minimizes vibration. Optimized for thermal management in dense electronics, it delivers a substantial reduction in thermal impedance, ensuring reliable operation for critical components.

Model Number: 9CRV0412P5J201

Brand: Sanyo Denki

Series: San Ace 40 9CRV

Product Type: DC Counter Rotating Fan

Rated Voltage: 12 VDC

Voltage Range: 10.8 - 13.2 VDC

Rated Current: 1.8 A

Power Input: 21.6 W

Rated Speed: 22500 RPM

Max. Air Flow: 31.8 CFM (54.0 m³/h / 0.90 m³/min)

Max. Static Pressure: 107.1 mmH₂O (1050 Pa / 4.22 inH₂O)

Noise Level: 68 dBA

Dimensions: 40 x 40 x 56 mm

Weight: 100 g

Operating Temperature: -20 to +70 °C

Bearing Type: Ball Bearing

Frame Material: Plastic (UL94V-0)

Impeller Material: Plastic (UL94V-0)

Speed Control: PWM Control

Sensor Output: Pulse Sensor

Motor Protection: Locked Rotor Protection, Reverse Polarity Protection

The 9CRV0412P5J201 is specifically engineered for high-density applications where back pressure is a significant challenge, such as 1U server racks and telecommunications switching equipment. Its counter-rotating design allows it to force air through tightly packed components like heatsinks and power supply units with high resistance. Additionally, the 9CRV0412P5J201 is suitable for industrial automation systems and compact medical instrumentation requiring reliable, high-velocity cooling solutions.