

109R0624F413 Sanyo Denki 24VDC 60x60x25mm Axial Fan Datasheet



Brand: Sanyo Denki

SKU: [843919611189](#)

Category: Axial & Centrifugal Fans

Price: **\$16.99**

E-mail: sales@equipspares.com

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Product Page:

<https://www.equipspares.com/product/109r0624f413-sanyo-denki-24vdc-60x60x25mm-axial-fan>

Product Description

The Sanyo Denki 109R0624F413 is a precision-engineered DC Axial Fan designed for critical thermal management in industrial electronics. Utilizing advanced DC brushless motor technology, this unit ensures consistent rotational stability and minimized electromagnetic interference. The chassis features a robust thermoplastic construction, optimized for structural rigidity and vibration damping, while the impeller geometry is fine-tuned to maximize airflow efficiency while maintaining a low acoustic profile. Equipped with a durable dual ball bearing system, the 109R0624F413 offers exceptional longevity and reliability, significantly reducing thermal impedance in high-density component arrays. Its design adheres to strict industrial standards, making it an ideal solution for continuous operation environments requiring dependable heat dissipation and airflow consistency.

Model Number: 109R0624F413

Brand: Sanyo Denki (San Ace)

Product Type: DC Axial Fan

Rated Voltage: 24VDC

Voltage Range: 14.0 - 27.6 VDC

Rated Current: 0.05 A

Input Power: 1.20 W

Rated Speed: 3400 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 16.6 CFM (28.2 m³/h / 0.47 m³/min)

Max. Static Pressure: 2.8 mmH₂O (27.4 Pa / 0.11 inH₂O)

Dimensions: 60x60x25mm

Weight: 90 g

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

Noise Level: 24 dB(A)

Frame Material: PBT Plastic (UL94V-0)

Impeller Material: PBT Plastic (UL94V-0)

Operating Temperature: -10°C to +70°C

Storage Temperature: -30°C to +70°C

Termination: Lead Wires (Red +, Black -)

Protection: Locked Rotor Protection; Reverse Polarity Protection

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

Insulation Resistance: 10 MΩ or more at 500 VDC

The 109R0624F413 is engineered for versatile integration into compact electronic assemblies where space and reliability are paramount. Common deployment scenarios include cooling power supply units, server rack enclosures, and industrial automation control panels. The fan's low power consumption makes it suitable for telecommunications equipment and medical instrumentation requiring continuous thermal regulation. Additionally, the 109R0624F413 is frequently utilized in CNC machinery controllers and network switchgear, ensuring optimal operating temperatures for sensitive semiconductors and preventing thermal throttling in mission-critical hardware.

Supplemental Images

