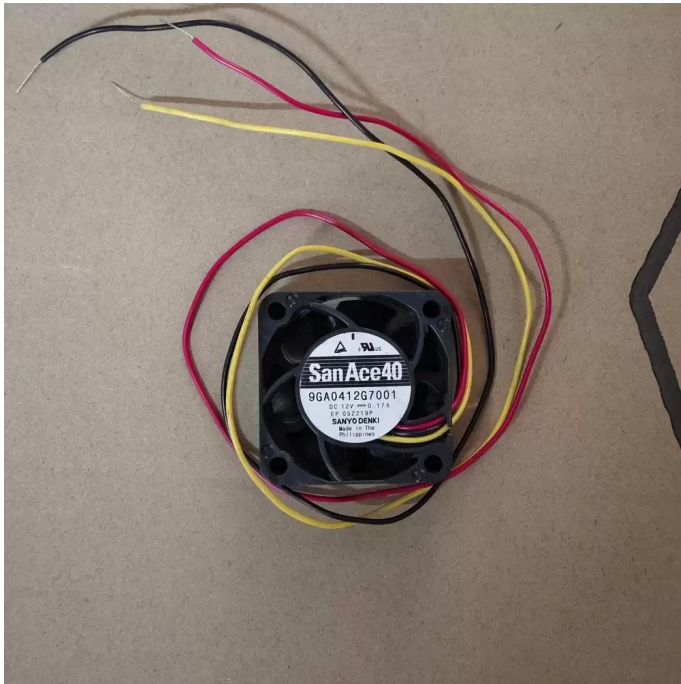


9GA0412G7001 Sanyo Denki 12VDC 40x40x28mm Axial Fan Datasheet



Brand: Sanyo Denki

SKU: [1029543628816](#)

Category: Axial & Centrifugal Fans

Price: **\$22.99**

E-mail: sales@equipspares.com

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

Product Page:

<https://www.equipspares.com/product/9ga0412g7001-sanyo-denki-12vdc-40x40x28mm-axial-fan>

Product Description

Sanyo Denki 9GA0412G7001 is a 12VDC 40x40x28mm Axial Fan optimized for high-density thermal management in restricted enclosures. By maintaining a rotational speed of 13100RPM, this unit generates 145Pa of static pressure to overcome the impedance of tightly packed heat sinks. The dual ball bearing system's structural integrity prevents lubricant evaporation under continuous 60°C operation, ensuring long-term rotational stability. Integrated 3-wire tachometer output allows for real-time RPM monitoring, preventing system failure during critical thermal events. This 40x40x28mm 12VDC Axial Fan utilizes a 0.17A current draw to deliver 13.1CFM of airflow, effectively mitigating heat soak in compact industrial hardware. 9GA0412G7001 Axial Fan construction features UL94V-0 flame-retardant plastics to meet stringent safety standards.

Model Number: 9GA0412G7001

Brand: Sanyo Denki (San Ace 40)

Product Type: Axial Fan

Rated Voltage: 12VDC

Voltage Range: 7.0 - 13.8 VDC

Rated Current: 0.17A

Power: 2.04W

Rated Speed: 13100 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 13.1 CFM (0.37 m³/min)

Max. Static Pressure: 14.5 mmH₂O (145 Pa / 0.58 inH₂O)

Dimensions: 40x40x28mm

Weight: 53g

Life Expectancy: 40,000 Hours at 60°C

Noise Level: 42 dB(A)

Speed Control: Tachometer (Pulse Sensor)

Termination: 3-Wire Lead Wires

Frame Material: Plastic (UL94V-0)

Impeller Material: Plastic (UL94V-0)

Operating Temperature: -20 to +70°C

Storage Temperature: -30 to +70°C

Protection Features: Locked Rotor Burnout Protection, Reverse Polarity Protection

Applications & Industry Use Cases

1. 1U/2U Rackmount Servers: High static pressure ensures penetrating airflow through dense internal components.
2. Industrial PLC Cooling: Compact 40mm footprint fits standard DIN-rail controller enclosures for heat dissipation.
3. Telecom Edge Routing: Reliable 9GA0412G7001 replacement fan for maintaining uptime in remote network nodes.
4. VFD Control Cabinets: Prevents localized heat soak in power electronics and frequency drive modules.
5. Medical Imaging Hardware: Precision cooling for diagnostic equipment requiring consistent volumetric airflow and longevity.

Supplemental Images

