

PVA040C12L-P02-CB Foxconn 12VDC 40x40x10mm PWM Axial Fan Datasheet



Brand: Foxconn

SKU: [660489893385](#)

Category: Axial & Centrifugal Fans

Price: **\$16.99**

E-mail: sales@equipspares.com

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Product Description

The Foxconn PVA040C12L-P02-CB is a precision-engineered DC Axial Fan designed for compact thermal management solutions requiring acoustic discretion and reliability. Utilizing advanced Dual Ball Bearing architecture, this unit ensures minimized friction and extended operational longevity under continuous load conditions. The aerodynamic impeller design optimizes airflow while maintaining low acoustic noise levels, effectively reducing thermal impedance in high-density electronic enclosures. Constructed with high-grade thermoplastic materials, the fan offers superior structural rigidity and vibration damping. Its 4-wire configuration supports precise Pulse Width Modulation (PWM) speed control, allowing for dynamic cooling adjustments based on real-time system temperature requirements, making it an ideal component for sensitive electronic environments.

Model Number: PVA040C12L-P02-CB

Brand: Foxconn

Product Type: DC Axial Fan

Rated Voltage: 12VDC

Voltage Range: 10.2 - 13.8 VDC

Rated Current: 0.10 A

Power: 1.20 W

Rated Speed: 6000 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 6.80 CFM (11.55 m³/h / 0.19 m³/min)

Max. Static Pressure: 3.50 mmH₂O (34.32 Pa / 0.14 inH₂O)

Dimensions: 40x40x10mm

Weight: 18 g

Life Expectancy: 70,000 Hours @ 40°C

Speed Control: PWM (Pulse Width Modulation)

Noise Level: 24.5 dB(A)

Housing Material: PBT Thermoplastic (UL94V-0)

Impeller Material: PBT Thermoplastic (UL94V-0)

Termination: 4-Wire Lead

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Ingress Protection: IP40

Certifications: CE, UL, TUV

This cooling solution is specifically engineered for compact networking equipment, including high-performance wireless routers and network switches where space is at a premium. The PVA040C12L-P02-CB provides critical airflow to dissipate heat from chipsets and power components, preventing thermal throttling in continuous-duty environments. Additionally, the PVA040C12L-P02-CB is suitable for small form factor (SFF) PCs, media servers, and specialized telecommunications devices requiring reliable, low-profile thermal regulation.

Supplemental Images

