

# PAAD06010FL-PF00 Aavid 5VDC 60x60x10mm Axial Fan Datasheet



**Brand:** Aavid

**SKU:** [972628359373](#)

**Category:** Axial & Centrifugal Fans

**Price:** **\$3.99**

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Product Page: <https://www.equipspares.com/product/paad06010fl-pf00-aavid-5vdc-60x60x10mm-axial-fan>

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## Product Description

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The Aavid PAAD06010FL-PF00 is a precision-engineered Axial Fan designed for compact thermal management solutions requiring high-efficiency airflow in restricted spaces. Operating at a nominal 5VDC with a current draw of 0.35A, this unit utilizes advanced DC brushless motor technology to deliver consistent static pressure while minimizing electromagnetic interference. The 60x60x10mm chassis is constructed from reinforced thermoplastic, ensuring structural rigidity and vibration damping during high-speed operation. Its aerodynamic impeller design optimizes the intake-to-exhaust ratio, significantly reducing thermal impedance in densely packed electronic enclosures. This component is ideal for OEM integration where reliability and slim form factors are paramount.

Model Number: PAAD06010FL-PF00

Brand: Aavid (Boyd Corporation)

Product Type: DC Axial Fan

Rated Voltage: 5VDC

Operating Voltage Range: 4.5 - 5.5 VDC

Rated Current: 0.35 A

Power Consumption: 1.75 W

Dimensions: 60 x 60 x 10 mm

Bearing Type: Fluid Dynamic Bearing (FDB)

Rated Speed: 4800 RPM (Nominal)

Max. Air Flow: 18.5 CFM (31.4 m<sup>3</sup>/h)

Max. Static Pressure: 2.8 mmH<sub>2</sub>O (27.4 Pa)  
Noise Level: 32.0 dBA  
Housing Material: PBT Thermoplastic (UL94V-0)  
Blade Material: PBT Thermoplastic (UL94V-0)  
Termination: Lead Wires  
Ingress Protection: IP40  
Operating Temperature: -10°C to +70°C  
Storage Temperature: -40°C to +70°C  
Life Expectancy: 50,000 Hours at 40°C  
Motor Protection: Impedance Protected, Reverse Polarity  
Weight: 28 g

The PAAD06010FL-PF00 is engineered for specialized cooling applications within compact electronic assemblies, including portable computing devices, digital video recorders, and small-form-factor projectors. Its slim 10mm profile allows for seamless integration into low-profile server blades and network appliances where vertical clearance is limited. Additionally, the PAAD06010FL-PF00 serves as a critical component in maintaining optimal operating temperatures for chipset cooling and embedded systems, preventing thermal throttling in continuous-duty environments.

## Supplemental Images

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