

PSAD18025BM-AB65 AVID 12VDC 0.35A 80x25mm Axial Fan Datasheet



Brand: Aavid

SKU: [738504306384](#)

Category: Axial & Centrifugal Fans

Price: **\$17.24**

E-mail: sales@equipspares.com

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Product Page:

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Product Description

AAVID PSAD18025BM-AB65 80 x 80 x 25 mm, 12 VDC, 0.35 A, and 60.0 CFM axial cooling fan. This high-performance component utilizes a dual ball bearing system for extended operational life and a 4-wire interface that supports Pulse Width Modulation (PWM) for dynamic speed regulation. The frame and impeller are manufactured from UL 94V-0 rated PBT plastic, ensuring structural integrity and fire safety. Internal circuitry includes auto-restart protection and a tachometer signal output for real-time rotational monitoring.

PSAD18025BM-AB65 Specifications

Model: PSAD18025BM-AB65

Brand: AAVID (Boyd Corporation)

Product Category: Axial Fan

Nominal Voltage: 12 VDC

Operating Voltage Range: 6 to 13.8 VDC

Rated Current: 0.35 A

Rated Power: 4.2 W

Dimensions: 80 x 80 x 25 mm

Fan Speed: 4500 RPM

Maximum Airflow: 60.0 CFM (1.70 m³/min)

Static Pressure: 8.47 mmH₂O (0.31 inH₂O)

Noise Level: 43.0 dBA

Bearing Type: Dual Ball Bearing

Termination: 4-wire lead

Signal Output: Tachometer (FG)

Control Type: Pulse Width Modulation (PWM)

Material: PBT Plastic (UL 94V-0)

Operating Temperature: -10 to +70 °C

Storage Temperature: -40 to +70 °C

Life Expectancy: 70,000 hours at 40 °C

Safety Approvals: UL, CUL, TUV, CE

PSAD18025BM-AB65 Applications

Primary applications include integration into server rack enclosures, industrial inverter cooling systems, and telecommunications base station thermal management. Deployed within CNC control cabinets and high-density power supply units requiring active PWM-regulated heat dissipation.

Supplemental Images

