

Adc8025M05S aidecoolr 5VDC 0.18A 80x80x25mm DC Cooling Fan Datasheet



SKU: [1041593376849](#)

Category: Axial & Centrifugal Fans

Price: **\$67.71**

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<https://www.equipspares.com/product/adc8025m05s-aidecoolr-5vdc-0-18a-80x80x25mm-dc-cooling-fan>

Product Description

aidecoolr Adc8025M05S is a brushless DC axial cooling fan featuring an 80 x 80 x 25 mm physical footprint, a nominal 5 VDC operating voltage, and a 0.18 A current draw. Constructed with a durable PBT plastic housing and impeller, this unit utilizes a sleeve bearing mechanism to ensure stable rotational performance and low acoustic output under 36 dB. The hardware integrates a standard 2-wire interface for direct power connection, delivering a calculated 0.9 W power consumption optimized for continuous thermal regulation.

Adc8025M05S Specifications

Model Number: Adc8025M05S

Brand: aidecoolr

Manufacturer: Dongguan Zhiling Motor Technology Co., Ltd.

Product Category: DC Axial Cooling Fan

Nominal Voltage: 5 VDC

Rated Current: 0.18 A

Power Consumption: 0.9 W

Dimensions: 80 x 80 x 25 mm

Motor Type: Brushless DC (BLDC)

Bearing Type: Sleeve Bearing

Interface: 2-Wire

Housing Material: PBT Plastic

Impeller Material: PBT Plastic

Acoustic Noise: < 36 dB

Airflow Type: Axial Flow

Mounting: Flange Mount (4-hole)

Adc8025M05S Applications

Primary applications include integration into compact PC chassis, industrial control cabinets, and automated electronic enclosures requiring active thermal management. Deployed within power supply units, telecom base stations, and specialized machinery such as cryptocurrency mining rigs and commercial air purifiers to maintain optimal operating temperatures.

Supplemental Images

