

DA03510R05S-026 AVC 5VDC 35x35x10mm Hydraulic Axial Fan Datasheet



Brand: AVC

SKU: [603864586967](#)

Category: Axial & Centrifugal Fans

Price: **\$9.99**

E-mail: sales@equipspares.com

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

Product Page:

<https://www.equipspares.com/product/da03510r05s-026-avc-5vdc-35x35x10mm-hydraulic-axial-fan>

Product Description

The AVC DA03510R05S-026 is a precision-engineered DC axial fan designed for compact thermal management applications requiring high reliability and efficient airflow. Utilizing advanced Hydraulic Bearing technology, this unit bridges the gap between sleeve and ball bearings, offering reduced friction coefficients and extended operational lifespan while maintaining structural rigidity under thermal stress. The 35mm frame architecture is optimized for low thermal impedance, delivering consistent cooling performance in space-constrained environments. Engineered by Asia Vital Components, the DA03510R05S-026 features an aerodynamic impeller design that maximizes static pressure relative to its footprint, making it an ideal solution for active component cooling where stability and acoustic performance are critical parameters.

Model Number: DA03510R05S-026

Brand: AVC (Asia Vital Components)

Product Type: DC Axial Fan

Rated Voltage: 5 VDC

Voltage Range: 4.5 - 5.5 VDC

Rated Current: 0.18 A

Power Input: 0.90 W

Rated Speed: 7500 RPM (Nominal)

Bearing Type: Hydraulic Bearing

Max. Air Flow: 5.5 CFM (9.34 m³/h / 0.15 m³/min)
Max. Static Pressure: 3.8 mmH₂O (37.2 Pa / 0.15 inH₂O)
Dimensions: 35 x 35 x 10 mm
Weight: 12 g
Life Expectancy: 40,000 Hours at 40°C
Noise Level: 26.0 dBA
Termination: 2-Wire (Red +, Black -)
Connector: Bare Wire / Standard 2-Pin Header
Housing Material: PBT (UL94V-0)
Blade Material: PBT (UL94V-0)
Operating Temperature: -10°C to +70°C
Storage Temperature: -40°C to +70°C
Ingress Protection: IP40
Safety Certifications: CE, UL, TUV, RoHS

The AVC DA03510R05S-026 is frequently deployed in specialized electronics requiring active cooling within tight enclosures, such as chipset cooling in embedded systems, DVR/NVR motherboard components, and portable medical instrumentation. Its compact 35mm profile allows for seamless integration into 1U server applications and optical drive bays where standard 40mm fans cannot fit. Additionally, the DA03510R05S-026 is utilized in network switches and routers to maintain optimal operating temperatures for processors, ensuring data integrity and hardware longevity in continuous-duty telecommunications environments.

Supplemental Images

