

AUB0712MB-R00 Delta 12VDC 70x70x15mm 3-Wire Axial Fan Datasheet



Brand: Delta

SKU: 942543748278

Category: Axial & Centrifugal Fans

Price: \$8.99

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Product Page:

<https://www.equipspares.com/product/aub0712mb-r00-delta-12vdc-70x70x15mm-3-wire-axial-fan>

Product Description

The Delta AUB0712MB-R00 is a precision-engineered axial cooling solution designed for high-reliability thermal management. Utilizing advanced DC brushless motor technology, this unit minimizes electromagnetic interference while maximizing torque efficiency. The core architecture features a robust double ball bearing system, ensuring exceptional longevity and structural rigidity even under continuous operation. Its aerodynamic impeller design optimizes the pressure-to-airflow ratio, significantly reducing thermal impedance within compact enclosures. Engineered with a specialized housing, the AUB0712MB-R00 maintains stable operation, making it an ideal component for critical industrial and computing environments requiring consistent heat dissipation.

Model Number: AUB0712MB-R00

Brand: Delta Electronics

Product Type: DC Axial Fan

Rated Voltage: 12 VDC

Voltage Range: 7.0 - 13.8 VDC

Rated Current: 0.24 A

Input Power: 2.88 W

Rated Speed: 3800 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 28.0 CFM (47.57 m³/h / 0.79 m³/min)

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

Dimensions: 70 x 70 x 15 mm

Weight: 60 g

Life Expectancy: 70,000 Hours at 40°C

Noise Level: 34.5 dB-A

Sensor Output: R00 (Rotation Detector)

Termination: 3-Wire Lead

Housing Material: Plastic PBT (UL94V-0)

Impeller Material: Plastic PBT (UL94V-0)

Operating Temperature: -10°C to +70°C

The AUB0712MB-R00 is specifically engineered for integration into compact electronic enclosures where space is at a premium but airflow cannot be compromised. Common deployment scenarios include mid-sized server racks, industrial automation control panels, and precision medical instrumentation. The AUB0712MB-R00 excels in chassis cooling applications, effectively evacuating waste heat from power supplies and CPU heatsinks to prevent thermal throttling in continuous-duty telecommunications equipment.

Supplemental Images

