

04010KA-05N-AA NMB 5V 0.21A Ball Bearing DC Cooling Fan



Brand: NMB

SKU: [04010KA-05N-AA](#)

Category: Industrial Fans

Price: **\$14.99**

E-mail: sales@equipspares.com

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Product Description

The NMB 04010KA-05N-AA is a precision-engineered DC axial fan designed by MinebeaMitsumi to provide efficient thermal management in compact electronic enclosures. Featuring a robust ball bearing system and a standard 40mm frame, this model ensures reliable operation and longevity. Its 5V DC motor and optimized impeller design deliver a balanced ratio of airflow to noise, making it an ideal component for maintaining optimal operating temperatures in sensitive hardware.

Manufacturer: NMB-MAT (MinebeaMitsumi)

Model Number: 04010KA-05N-AA

Product Type: DC Axial Cooling Fan

Rated Voltage: 5VDC

Operating Voltage Range: 4.5 - 5.5 VDC

Rated Current: 0.21A

Input Power: 1.05W

Dimensions: 40 x 40 x 10 mm

Bearing Type: Ball Bearing

Nominal Speed: 6500 RPM

Max. Air Flow: 5.80 CFM (9.85 m³/h / 0.16 m³/min)

Max. Static Pressure: 3.56 mmH₂O (34.91 Pa / 0.14 inH₂O)

Noise Level: 29.0 dBA

Termination: 2-Wire Leads (Red +, Black -)

Housing Material: PBT Plastic (UL94V-0)

Impeller Material: PBT Plastic (UL94V-0)

Operating Temperature: -10°C to +70°C

Life Expectancy: 60,000 Hours @ 40°C

Weight: 18 g

This compact thermal solution is specifically designed for integration into high-density electronic assemblies where space is at a premium. The NMB 04010KA-05N-AA is extensively deployed in network infrastructure hardware, including ethernet switches and routers, as well as in digital video recorders (DVRs) and small form-factor personal computers. Its durable ball bearing construction ensures consistent performance for continuous duty cycles, effectively dissipating heat from processors and power components to prevent thermal throttling and extend equipment lifespan.

Supplemental Images

