

2406RL-04W-S59-CB2 NMB 12VDC 60x60x15mm 3-Wire Axial Fan Datasheet



Brand: NMB

SKU: 943388590704

Category: Axial & Centrifugal Fans

Price: **\$17.99**

E-mail: sales@equipspares.com

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Product Page:

<https://www.equipspares.com/product/2406rl-04w-s59-cb2-nmb-12vdc-60x60x15mm-3-wire-axial-fan>

Product Description

The NMB 2406RL-04W-S59-CB2 is a precision-engineered DC axial fan designed for high-density electronic cooling applications where space and airflow efficiency are critical. Manufactured by MinebeaMitsumi, this unit utilizes a specialized sleeve bearing architecture to balance acoustic performance with rotational stability, ensuring reliable operation in sensitive environments. The aerodynamic impeller design optimizes airflow efficiency while minimizing turbulence-induced noise, making it particularly suitable for optical equipment like projection systems. Its robust housing ensures structural rigidity, maintaining consistent blade clearance and effective thermal impedance management under continuous load.

Model Number: 2406RL-04W-S59-CB2

Brand: NMB-MAT (MinebeaMitsumi)

Product Type: DC Axial Fan

Rated Voltage: 12 VDC

Voltage Range: 10.2 - 13.8 VDC

Rated Current: 0.24 A

Input Power: 2.88 W

Rated Speed: 5300 RPM (Nominal)

Bearing Type: Sleeve Bearing

Max. Air Flow: 21.5 CFM (36.5 m³/h / 0.61 m³/min)

Max. Static Pressure: 5.2 mmH₂O (51.0 Pa / 0.20 inH₂O)

Dimensions: 60 x 60 x 15 mm

Weight: 45 g

Life Expectancy: 30,000 Hours at 25°C

Termination: 3-Wire Leads with Connector

Sensor Type: Tachometer (Speed Signal)

Housing Material: Plastic (UL94V-0)

Impeller Material: Plastic (UL94V-0)

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Noise Level: 38.0 dB(A)

Ingress Protection: IP40

The 2406RL-04W-S59-CB2 is specifically engineered for thermal regulation in compact electronic assemblies, notably serving as a critical cooling component in Hitachi projector lamp ballasts. Its slim 15mm profile allows for integration into tight chassis spaces found in multimedia projectors, server rack spot cooling, and telecommunications equipment. By maintaining optimal operating temperatures, the 2406RL-04W-S59-CB2 prevents thermal throttling and extends the lifespan of sensitive optical and semiconductor components.

Supplemental Images

