

1611RL-04W-B46-B52 NMB 12V DC 0.13A axial fan

SKU: 1611RL-04W-B46-B52

Price: \$9.99

Categories: Fans

Tags: NMB

Product Link:

<https://www.electspares.com/product/1611rl-04w-b46-b52-nmb-12v-dc-0-13a-axial-fan/>

Product Description

The NMB 1611RL-04W-B46-B52 is a very high-performance 12V DC axial cooling fan from NMB Technologies Corporation, measuring 40mm x 40mm x 28mm. Operating at a rated current of 0.13A (1.56W), this fan is engineered for demanding thermal management challenges in highly space-constrained environments. It achieves an astonishing speed of 18,000 RPM, delivering an exceptional airflow of 19.4 CFM and a very high static pressure of 1.61 inch-H₂O, making it capable of pushing air through highly restrictive pathways. Equipped with durable ball bearings, it boasts an extremely long operational life of 180,000 hours (MTTF) or 80,000 hours (L10 at 25°C). The fan utilizes 4-wire leads, providing both PWM control for precise speed adjustment and a speed sensor for real-time monitoring of fan status, along with locked rotor protection and auto-restart, making it an indispensable solution for cooling densely packed server components, high-power embedded systems, or specialized industrial equipment where maximum cooling performance in a small footprint is paramount, despite its high noise level of 55.0 dBA.

Model Number: 1611RL-04W-B46-B52

Manufacturer: NMB Technologies Corporation

Type: DC Axial Cooling Fan

Dimensions: 40mm x 40mm x 28mm

Rated Voltage: 12V DC

Rated Current: 0.13A

Rated Power: 1.56W

Speed: 18,000 RPM

Airflow: 19.4 CFM / 0.55 m³/min

Static Pressure: 1.61 inch-H₂O / 401 Pa

Noise Level: 55.0 dBA

Connector: 4-Wire Leads

Bearing Type: Ball Bearing

Life Expectancy: 180,000 hours (MTTF) / 80,000 hours (L10 at 25°C)

Operating Temperature: -10°C to 70°C

Frame Material: Plastic

Impeller Material: Plastic

Features: PWM Control, Speed Sensor, Locked Rotor Protection, Auto Restart

Product Images









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