NF-A4x20 PWM Noctua 12V DC Axial Fan

SKU: NF-A4x20 PWM

Price: $28.03

Categories: Fans

Tags: Noctua

Product Link:

https://www.elecspares.com/product/nf-a4x20-pwm-noctua-12v-dc-axial-fan/

Product Description

The Noctua NF-A4x20 PWM is a compact 12V DC Axial Fan with dimensions of 40x40x20mm, designed for quiet and efficient cooling in small spaces. It has a nominal voltage of 12V DC and a minimum start-up voltage of 4.5V. The fan has a rated current of 0.05A and a power consumption of 0.6W. Its rotational speed is PWM-controlled, ranging from a minimum of 1200RPM up to a maximum of 5000RPM. It provides a maximum airflow of 17.3m³/h (10.1 CFM) and a maximum static pressure of 28.3Pa (2.89 mmH2O), with a maximum noise level of 19.6dB(A). It is equipped with Noctua's proprietary SSO2 (Self-Stabilising Oil-Pressure) bearing for an MTTF (Mean Time To Failure) of over 150,000 hours. The fan is constructed from fibre-glass reinforced Liquid Crystal Polymer (LCP) and features a 4-pin PWM termination, typically including a Low-Noise Adaptor (L.N.A.) and integrated anti-vibration pads.

NF-A4x20 PWM Fan Parameters

Model: NF-A4x20 PWM

Manufacturer: Noctua

Type: DC Axial Fan

Dimensions: 40 x 40 x 20 mm

Nominal Voltage: 12 V DC

Operating Voltage Range: 4.5 .. 13 V

Rated Current: 0.05 A

Power Consumption: 0.6 W

Max. Rotational Speed: 5000 RPM

Min. Rotational Speed (PWM): 1200 RPM

Max. Airflow: 17.3 m³/h (10.1 CFM)

Max. Static Pressure: 28.3 Pa (2.89 mmH2O)

Max. Noise Level: 19.6 dB(A)

Bearing Type: SSO2 (Self-Stabilising Oil-Pressure Bearing)

Material Frame: Fibre-glass reinforced Liquid Crystal Polymer (LCP)

Material Impeller: Fibre-glass reinforced Liquid Crystal Polymer (LCP)

MTTF: >150,000 h

Termination: 4-pin PWM

Features: PWM Control, Low-Noise Adaptor (L.N.A.), Integrated Anti-vibration pads

Application: Suitable for small form factor cases, 3D printers, network attached storage (NAS), and other mini-ITX and compact systems requiring low-noise cooling.

Product Images

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