

514F/2 ebm-papst 24VDC 50x50x15mm 39mA Axial Fan Datasheet



Brand: ebmpapst

SKU: 989874828991

Category: Axial & Centrifugal Fans

Price: \$64.99

E-mail: sales@equipspares.com

Web: <https://www.equipspares.com>

Product Page:

<https://www.equipspares.com/product/514f-2-ebm-papst-24vdc-50x50x15mm-39ma-axial-fan>

Product Description

The ebm-papst 514F/2 is a compact Axial Fan engineered for precision thermal management in space-constrained electronic assemblies. Utilizing an advanced DC motor drive system and a Sintec sleeve bearing architecture, this unit delivers consistent airflow with minimized acoustic resonance. The aerodynamic impeller design optimizes static pressure capabilities while maintaining low power consumption, ensuring efficient heat dissipation and reduced thermal impedance for sensitive components. Its structural rigidity and integrated speed monitoring make it ideal for high-reliability industrial applications.

Model Number: 514F/2

Brand: ebm-papst

Product Type: Axial Fan

OEM Reference: Agilent 5067-5911

Rated Voltage: 24 VDC

Voltage Range: 21.6 - 26.4 VDC

Rated Current: 0.039 A (39 mA)

Power Consumption: 0.9 W

Rated Speed: 5000 RPM

Bearing Type: Sintec Sleeve Bearing

Max. Air Flow: 11.8 CFM (20 m³/h / 0.33 m³/min)

Max. Static Pressure: 4.28 mmH₂O (42 Pa / 0.17 inH₂O)

Dimensions: 50 x 50 x 15 mm

Weight: 0.027 kg (27 g)

Noise Level: 30 dB(A)

Life Expectancy: 50,000 Hours at 20°C

Termination: 3-Wire with Connector

Speed Control: Tachometer Output (Frequency Generator)

Housing Material: PBT Plastic (UL94V-0)

Blade Material: PA Plastic (UL94V-0)

Operating Temperature: -20°C to +70°C

Mounting Orientation: Any

Certifications: CE, CSA, UL, VDE

Designed for precision instrumentation, the 514F/2 is frequently utilized in laboratory equipment such as Agilent analyzers and medical diagnostic devices where stable cooling is critical. This 514F/2 unit effectively manages thermal loads in compact power supplies, telecommunications modules, and embedded computing systems. Its compact footprint allows for integration into dense server racks and optical networking gear, ensuring continuous operation without compromising component longevity.