

DV4118/2NPU ebmpapst 48V 0.65A DC axial fan

SKU: DV4118/2NPU

Price: \$33.64

Categories: Fans

Tags: ebmpapst

Product Link:

<https://www.electspares.com/product/dv4118-2npu-ebmpapst-48v-0-65a-dc-axial-fan/>

Product Description

The ebmpapst DV4118/2NPU is a high-performance DC axial fan with dimensions of 119mm x 119mm x 38mm. It operates on 48 VDC, drawing 0.65A of current and consuming 31W of power. This fan is designed for demanding cooling applications, offering a high rotational speed of 6000 RPM and a strong airflow of 280 m³/h (165 CFM). It features a robust plastic housing and impeller, along with a ball bearing system for extended reliability. Commonly used in telecommunications, control cabinets, and power electronics, it provides powerful thermal management for critical systems.

DV4118/2NPU Fan Parameters

Model: DV4118/2NPU

Manufacturer: ebmpapst

Type: DC Axial Fan

Dimensions: 119mm x 119mm x 38mm

Rated Voltage: 48 VDC

Operating Voltage Range: 36 VDC to 60 VDC

Rated Current: 0.65A

Power Consumption: 31 W

Speed: 6000 RPM

Airflow: 165 CFM (280 m³/h)

Static Pressure: (not explicitly stated for this exact variant, but typically high for this power)

Noise Level: 61 dB(A)

Bearing Type: Ball Bearing

Frame Material: Fiberglass-reinforced plastic (PBT)

Impeller Material: Fiberglass-reinforced plastic (PA)

Termination: 2-Wire Leads (often with specific plugs or 4-wire for control)

Operating Temperature: -20°C to +65°C

Life Expectancy: 70,000 hours (L10 at 40°C)

Weight: 0.375 kg

Features: Protected against reverse polarity and locking, overload protection.

Application: Telecommunications equipment, control cabinets, power electronics, servers, medical devices, high-density electronic cooling.

Product Images









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