

EFS-08E120-EF05 DWPH 12VDC 80x80x25mm 3-Wire Axial Fan Datasheet



Brand: DWPH

SKU: [913705557361](#)

Category: Axial & Centrifugal Fans

Price: **\$12.99**

E-mail: sales@equipspares.com

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Product Page:

<https://www.equipspares.com/product/efs-08e120-ef05-dwph-12vdc-80x80x25mm-3-wire-axial-fan>

Product Description

The DWPH EFS-08E120-EF05 is a precision-engineered DC Axial Fan designed for critical thermal management in industrial and electronic enclosures. Utilizing advanced DC brushless motor technology, this unit ensures consistent rotational stability and optimized torque delivery under varying load conditions. The 80mm frame architecture is constructed to minimize structural rigidity issues while maximizing airflow efficiency through its aerodynamic blade design. Engineered for effective heat dissipation, the EFS-08E120-EF05 reduces thermal impedance within high-density component arrays. Its 3-wire configuration supports tachometer signal output, allowing for real-time speed monitoring essential for predictive maintenance protocols. This cooling solution balances static pressure and airflow volume to maintain operational integrity in demanding environments.

Model Number: EFS-08E120-EF05

Brand: DWPH

Product Type: DC Axial Fan

Rated Voltage: 12 VDC

Voltage Range: 10.2 - 13.8 VDC

Rated Current: 0.40 A

Input Power: 4.80 W

Rated Speed: 4000 RPM

Bearing Type: Sleeve Bearing

Max. Air Flow: 48.5 CFM (82.4 m³/h / 1.37 m³/min)
Max. Static Pressure: 5.8 mmH₂O (56.8 Pa / 0.23 inH₂O)
Dimensions: 80 x 80 x 25 mm
Weight: 86 g
Noise Level: 39.0 dBA
Termination: 3-Wire Leads with 2.54mm 3-Pin Connector
Housing Material: PBT Plastic (UL94V-0)
Blade Material: PBT Plastic (UL94V-0)
Operating Temperature: -10°C to +70°C
Storage Temperature: -40°C to +70°C
Speed Control: Tachometer (FG Signal)
Mounting Orientation: Any
Ingress Protection: IP20

The EFS-08E120-EF05 is frequently deployed in compact server chassis and telecommunications equipment where reliable forced air convection is mandatory. Its standard form factor makes the EFS-08E120-EF05 an ideal replacement component for industrial power supply units, network switches, and desktop computing systems requiring efficient thermal regulation. Additionally, this model serves effectively in custom electronics projects, CNC control cabinets, and ventilation systems for DVRs or home theater setups where the specific 3-pin configuration is utilized.

Supplemental Images

