

PFB0412EN-EF7J Delta 12VDC 40x40mm 4-Wire Axial Fan Datasheet



Brand: Delta

SKU: [672339846436](#)

Category: Axial & Centrifugal Fans

Price: **\$16.99**

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Product Page:

<https://www.equipspares.com/product/pfb0412en-ef7j-delta-12vdc-40x40mm-4-wire-axial-fan>

Product Description

Delta PFB0412EN-EF7J is a 12VDC 40x40mm Axial Fan optimized for extreme thermal impedance in dense server power supplies. Engineered with an advanced brushless DC motor and precision bearing architecture, this compact unit delivers exceptional structural rigidity and aerodynamic efficiency. Drawing a substantial 4.00A, it generates massive airflow to overcome high system resistance in 1U rackmount chassis and enterprise hardware. The 4-wire configuration enables precise PWM speed control and tachometer feedback, ensuring dynamic thermal management. Designed as a robust replacement fan, it guarantees continuous operation and superior heat dissipation for mission-critical telecom and data center applications requiring uncompromising cooling performance.

Model Number: PFB0412EN-EF7J

Brand: Delta

Product Type: DC Axial Fan

Rated Voltage: 12 VDC

Rated Current: 4.00 A

Power: 48.0 W

Dimensions: 40 x 40 mm

Termination: 4-Wire (Lead Wires)

Control: PWM Speed Control

Sensor: Tachometer (Speed Sensor)

Motor Type: Brushless DC

Application: Server Power Supply

PFB0412EN-EF7J Applications

1. 1U Server Power Supplies: Overcomes extreme system impedance in dense PSU enclosures utilizing the 4.00A motor to force high-velocity air through tightly packed capacitors and heatsinks.
2. Enterprise Telecom Switches: Provides dynamic thermal management via 4-wire PWM control, ramping up RPM instantly to mitigate heat spikes in high-load network routing equipment.
3. Cryptocurrency Mining Rigs: Acts as a high-static pressure replacement fan to maintain optimal operating temperatures across densely stacked ASIC hash boards.

Supplemental Images

