

TFB0412EHN-R00 Delta 12VDC 40x40x28mm 3-Wire Axial Fan Datasheet



Brand: Delta

SKU: [998132652101](#)

Category: Axial & Centrifugal Fans

Price: **\$12.99**

E-mail: sales@equipspares.com

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

Product Page:

<https://www.equipspares.com/product/tfb0412ehn-r00-delta-12vdc-40x40x28mm-3-wire-axial-fan>

Product Description

Delta TFB0412EHN-R00 is a 12VDC 40x40x28mm axial fan optimized for high-density server thermal management and restricted airflow environments. Engineered with a robust DC motor architecture and precision dual ball bearing system, this unit ensures exceptional structural rigidity and extended operational longevity. The aerodynamic blade design minimizes thermal impedance while maximizing static pressure in compact enclosures. Drawing 0.87A, this 3-wire cooling solution features an integrated tachometer for precise RPM monitoring, making it an ideal replacement fan for mission-critical IT infrastructure requiring continuous, reliable heat dissipation.

Model Number: TFB0412EHN-R00

Brand: Delta Electronics

Product Type: DC Axial Fan

Rated Voltage: 12 VDC

Rated Current: 0.87 A

Dimensions: 40 x 40 x 28 mm

Bearing Type: Dual Ball Bearing

Termination: 3-Wire

Sensor Type: Tachometer Output (R00)

Application Category: Server Cooling

TFB0412EHN-R00 Applications

1. 1U Rackmount Servers: Overcomes high system impedance in densely packed chassis using aggressive static pressure generation.
2. Telecommunication Switches: Provides reliable thermal management and RPM monitoring via the 3-wire tachometer for continuous network operation.
3. Industrial Power Supplies: Acts as a durable replacement fan where structural rigidity and dual ball bearing longevity are critical for 24/7 operation.

Supplemental Images

