

FD124015UB-N Y.S.TECH 12V 11000RPM 40x40x15mm DC Axial Fan Datasheet



Brand: Y.S.TECH

SKU: [1044371459159](#)

Category: Axial & Centrifugal Fans

Price: **\$16.29**

E-mail: sales@equipspares.com

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

Product Page:

<https://www.equipspares.com/product/fd124015ub-n-y-s-tech-12v-11000rpm-40x40x15mm-dc-axial-fan>

Product Description

Y.S. TECH FD124015UB-N 40 x 40 x 15 mm 12 VDC 11000 RPM 14.6 CFM is a high-performance DC axial fan designed for high-density thermal management. This unit features a precision dual ball bearing system and a 4-wire interface supporting PWM speed control for dynamic cooling adjustments. Constructed with a PBT UL 94V-0 plastic housing and impeller, the fan delivers a maximum rotational speed of 11000 RPM, generating a static pressure of 14.6 mmH₂O. The internal mechanism is optimized for continuous operation with a life expectancy of 65000 hours at 40 °C, utilizing a brushless DC motor for efficient power conversion.

FD124015UB-N Specifications

Model Number: FD124015UB-N

Brand: Y.S. TECH (Yen Sun Technology Corp.)

Category: DC Axial Fan

Dimensions: 40 x 40 x 15 mm

Rated Voltage: 12 VDC

Operating Voltage Range: 7 to 13.2 VDC

Rated Current: 0.28 A

Label Current: 0.34 A

Input Power: 3.36 W

Rated Speed: 11000 RPM

Maximum Airflow: 14.6 CFM

Maximum Static Pressure: 14.6 mmH₂O

Noise Level: 42.5 dBA

Bearing Type: Dual Ball Bearing

Interface: 4-wire (PWM Control)

Material: PBT Plastic (UL 94V-0)

Weight: 28 g

Life Expectancy: 65000 hours at 40 °C

Operating Temperature: -10 to +70 °C

Storage Temperature: -40 to +70 °C

Safety Certifications: UL, CUL, TUV, CE

FD124015UB-N Applications

Primary applications include integration into 1U network server chassis, high-density telecommunications switches, and industrial power supply cooling modules. Deployed within compact medical diagnostic equipment and high-performance computing nodes requiring precise PWM-regulated thermal dissipation.

Supplemental Images

