

1225TL12B-549 T&T 12VDC 120x120x25mm Silent Axial Fan Datasheet



Brand: T&T

SKU: [676755488381](#)

Category: Axial & Centrifugal Fans

Price: **\$14.99**

E-mail: sales@equipspares.com

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Product Page:

<https://www.equipspares.com/product/1225tl12b-549-tt-12vdc-120x120x25mm-silent-axial-fan>

Product Description

The T&T 1225TL12B-549 is a precision-engineered DC Axial Fan designed for applications requiring a balance between consistent airflow and acoustic performance. Utilizing a robust Double Ball Bearing architecture, this unit ensures minimized friction and extended operational longevity under continuous duty cycles. The aerodynamic impeller design is optimized for low-speed operation, significantly reducing turbulence-induced noise while maintaining adequate thermal exchange. Its structural rigidity and low current draw of 0.10A make it an energy-efficient solution for sensitive electronic environments where thermal impedance must be managed without introducing excessive vibration or decibel levels.

Model Number: 1225TL12B-549

Brand: T&T (Magic Wave)

Product Type: DC Axial Fan

Rated Voltage: 12V DC

Voltage Range: 10.8 - 13.2 VDC

Rated Current: 0.10 A

Power Consumption: 1.20 W

Rated Speed: ~1200 RPM (Low Speed Profile)

Bearing Type: Double Ball Bearing

Max. Air Flow: 44.50 CFM (75.6 m³/h / 1.26 m³/min)

Max. Static Pressure: 1.85 mmH₂O (18.14 Pa / 0.07 inH₂O)

Dimensions: 120 x 120 x 25 mm

Weight: 150 g

Termination: 2-Wire Lead

Wire Length: 600 mm

Housing Material: PBT (UL94V-0)

Blade Material: PBT (UL94V-0)

Noise Level: Low Noise (Silent Operation)

Operating Temperature: -10°C to +70°C

Mounting Orientation: Any

Ingress Protection: Standard

The 1225TL12B-549 is specifically calibrated for scenarios demanding reliable air circulation with a minimal acoustic footprint. Commonly integrated into computer chassis, server rack enclosures, and home theater PC (HTPC) builds, this fan effectively dissipates heat from sensitive components. The 1225TL12B-549 is also suitable for auxiliary cooling in audio-visual equipment and telecommunications cabinets where maintaining a quiet environment is as critical as thermal regulation.

Supplemental Images

