AT4020L-24H2BND5 UTEC 24VDC 0.11A 40x40x20mm Axial Fan Datasheet

SKU: 685940296586

Category: Axial & Centrifugal Fans

Price: **$18.99**

E-mail: sales@equipspares.com

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Product Page:
https://www.equipspares.com/product/at4020l-24h2bnd5-utec-24vdc-0-11a-40x40x20mm-axial-fan

Product Description

The UTEC AT4020L-24H2BND5 is a high-precision DC axial fan engineered for critical thermal management in space-constrained industrial environments. Utilizing a sophisticated brushless DC motor architecture, this unit minimizes thermal impedance through optimized blade geometry and structural rigidity. The dual ball bearing system ensures long-term rotational stability and low friction, even under continuous duty cycles. Designed for high-density electronic cooling, the aerodynamic housing reduces turbulence and maximizes static pressure efficiency, making it an ideal solution for maintaining component longevity in demanding hardware configurations where reliability and consistent airflow are paramount.

Model Number: AT4020L-24H2BND5
Brand: UTEC
Product Type: DC Axial Fan
Rated Voltage: 24VDC
Voltage Range: 14.0 - 27.6 VDC
Rated Current: 0.11A
Power: 2.64W
Rated Speed: 7500 RPM
Bearing Type: Dual Ball Bearing
Max. Air Flow: 9.5 CFM

Max. Static Pressure: 7.2 mmH2O
Dimensions: 40x40x20mm
Weight: 45g
Life Expectancy: 70,000 Hours at 40C
Housing Material: UL94V-0 Plastic
Blade Material: UL94V-0 Plastic
Termination: 2-Wire Lead Wires
Operating Temperature: -10C to +70C
Storage Temperature: -40C to +75C
Protection Features: Locked Rotor Protection, Reverse Polarity Protection
Certifications: CE, RoHS Compliant

The UTEC AT4020L-24H2BND5 is specifically designed for integration into compact server enclosures, network switches, and telecommunications equipment where vertical space is limited. Due to its robust construction, the AT4020L-24H2BND5 is frequently utilized in medical diagnostic machinery and industrial power supplies to prevent localized overheating. Its high static pressure capabilities allow the AT4020L-24H2BND5 to effectively push air through dense heat sinks and obstructed internal pathways in CNC controllers and automated laboratory instruments.

Supplemental Images