

FD3006B12W7-71 Cooltron 12VDC 30x30x6mm Axial Fan Datasheet



Brand: COOLTRON

SKU: [1007431440250](#)

Category: Axial & Centrifugal Fans

Price: **\$8.99**

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Product Page:

<https://www.equipspares.com/product/fd3006b12w7-71-cooltron-12vdc-30x30x6mm-axial-fan>

Product Description

The Cooltron FD3006B12W7-71 is a compact DC axial fan engineered for high-density electronic applications requiring efficient thermal management within a constrained footprint. Utilizing a precision ball bearing architecture, this unit ensures reduced frictional coefficients and extended operational longevity compared to standard sleeve bearing alternatives. The aerodynamic impeller design optimizes airflow delivery while maintaining structural rigidity under continuous operation. Designed with a 12VDC motor, it delivers reliable cooling performance with a power consumption of 1.2W. This fan is specifically calibrated to minimize thermal impedance in tightly packed enclosures, making it an ideal solution for maintaining component stability in industrial and consumer electronics.

Model Number: FD3006B12W7-71

Brand: Cooltron

Product Type: DC Axial Fan

Rated Voltage: 12 VDC

Power: 1.2 W

Rated Current: 0.10 A

Dimensions: 30 x 30 x 6 mm

Bearing Type: Ball Bearing

Termination: 2-Wire Lead

Frame Material: Thermoplastic PBT (UL94V-0)

Blade Material: Thermoplastic PBT (UL94V-0)

Mounting Type: Flange Mount

Motor Type: Brushless DC

Operating Temperature: -10°C to +70°C

Ingress Protection: IP20

The FD3006B12W7-71 is frequently integrated into compact electronic assemblies where vertical clearance is strictly limited. Common deployment environments include portable medical instrumentation, handheld diagnostic devices, and miniature projector systems requiring active cooling. The FD3006B12W7-71 is also utilized in chipset cooling for embedded computing boards and network interface cards, ensuring critical components remain within safe thermal operating ranges during continuous duty cycles.

Supplemental Images

