

DFS531105MC0T FCN 5VDC 0.5A 65mm Centrifugal Fan Datasheet



Brand: FCN

SKU: [901701745302](#)

Category: Axial & Centrifugal Fans

Price: **\$20.99**

E-mail: sales@equipspares.com

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Product Page: <https://www.equipspares.com/product/dfs531105mc0t-fcn-5vdc-0-5a-65mm-centrifugal-fan>

Product Description

FCN DFS531105MC0T is a 5VDC 65mm Centrifugal Fan optimized for high-density thermal dissipation in mobile computing platforms. Engineered with a brushless DC motor and advanced aerodynamic impeller, this unit minimizes thermal impedance within restricted internal volumes. The structural rigidity of the housing ensures stable operation at 0.5A power consumption. Designed specifically for the Fujitsu Lifebook series, it maintains optimal operating temperatures during peak CPU loads. With a rated power of 2.5W and precise RPM control, it balances airflow efficiency with acoustic performance, ensuring long-term reliability in demanding portable environments.

Model Number: DFS531105MC0T

Brand: FCN

Product Type: Centrifugal Fan

Rated Voltage: 5VDC

Voltage Range: 4.5 - 5.5 VDC

Rated Current: 0.5A

Power: 2.5W

Rated Speed: 4200 RPM

Bearing Type: Hydraulic Bearing

Max. Air Flow: 4.80 CFM (8.15 m³/h / 0.13 m³/min)

Max. Static Pressure: 3.45 mmH₂O (33.83 Pa / 0.13 inH₂O)

Dimensions: 65mm x 60mm x 10mm

Weight: 28g

Life Expectancy: 30,000 hours at 40°C

Speed Control: PWM / 3-Pin

Housing/Blade Material: UL94V-0 Plastic

Termination: 3-Wire Lead

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +75°C

Protection: Locked Rotor Protection, Reverse Polarity Protection

Certifications: CE, RoHS, TUV

DFS531105MC0T Applications

1. Fujitsu Lifebook A514/A544/A556 Series: Direct replacement fan designed to overcome high system impedance in slim chassis designs.
2. Mobile Workstation Thermal Repair: Ideal for restoring factory-spec cooling in AH544 and AH564 models to prevent CPU throttling and maintain structural integrity.

Supplemental Images

