

# SFF21A Sony 12VDC 120x120x25mm FDB Silent Axial Fan Datasheet



**SKU:** [977077645763](#)

**Category:** Axial & Centrifugal Fans

**Price:** **\$12.99**

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Product Page:

<https://www.equipspares.com/product/sff21a-sony-12vdc-120x120x25mm-fdb-silent-axial-fan>

## Product Description

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The Sony SFF21A is a precision-engineered Axial Fan designed for applications requiring minimal acoustic signatures and high reliability. Utilizing Sony's proprietary S-FDB (Fluid Dynamic Bearing) technology, this unit eliminates mechanical friction inherent in traditional ball bearing designs, resulting in a sealed oil structure that significantly extends operational lifespan and maintains thermal impedance stability. The aerodynamic blade geometry is optimized for low-turbulence airflow, ensuring efficient heat dissipation while maintaining structural rigidity under continuous operation. This 12VDC cooling solution offers a superior balance between static pressure and noise generation, making it ideal for noise-sensitive electronic environments.

Model Number: SFF21A

Brand: Sony

Product Type: Axial Fan

Rated Voltage: 12VDC

Voltage Range: 10.2 - 13.8 VDC

Rated Current: 0.10 A

Power Input: 1.20 W

Rated Speed: 800 RPM

Bearing Type: S-FDB (Fluid Dynamic Bearing)

Max. Air Flow: 33.5 CFM (56.9 m<sup>3</sup>/h / 0.95 m<sup>3</sup>/min)

Max. Static Pressure: 0.65 mmH<sub>2</sub>O (6.37 Pa / 0.025 inH<sub>2</sub>O)

Noise Level: 8.7 dBA

Dimensions: 120x120x25mm

Weight: 160 g

Life Expectancy: 150,000 Hours at 25°C

Termination: 3-Wire Lead

Connector: 3-Pin Standard

Housing Material: PBT (UL94V-0)

Impeller Material: PBT (UL94V-0)

Operating Temperature: -10°C to +70°C

Safety Certifications: UL, cUL, TUV, CE

The SFF21A is specifically engineered for deployment in ultra-quiet computing environments and precision audio-visual equipment where acoustic interference must be minimized. Common integration points include home theater PC (HTPC) chassis, silent server racks, and high-fidelity audio recording workstations. The SFF21A provides consistent thermal management for sensitive components without introducing vibration or motor noise, ensuring optimal performance in medical instrumentation and laboratory analysis devices.

## Supplemental Images

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