

# YY5010H12S SNOWFAN 12VDC 0.1A 50x50x10mm Axial Cooling Fan Datasheet



**Brand:** SNOWFAN

**SKU:** [998639708562](#)

**Category:** Axial & Centrifugal Fans

**Price:** **\$9.99**

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Product Page:

<https://www.equipspares.com/product/yy5010h12s-snowfan-12vdc-0-1a-50x50x10mm-axial-cooling-fan>

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## Product Description

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SNOWFAN YY5010H12S 50 x 50 x 10 mm 12 VDC 11.93 CFM axial cooling fan features a robust structural design for continuous thermal regulation. Constructed with a premium environmental and fire-prevention PBT UL94V-0 plastic frame and impeller, this unit operates at a nominal 6000 RPM to generate a maximum static pressure of 4.50 mmH<sub>2</sub>O. The hardware integrates a 3-wire interface with a 22 cm cable length, utilizing a sleeve bearing mechanism to maintain a 36 dBA noise profile while drawing 0.10 A of current.

YY5010H12S Specifications Model Number: YY5010H12S

Brand: SNOWFAN

Product Category: DC Axial Cooling Fan

Nominal Voltage: 12 VDC

Operating Voltage Range: 7.0 to 13.5 VDC

Rated Current: 0.10 A

Rated Input Power: 1.2 W

Dimensions: 50 x 50 x 10 mm

Rotational Speed: 6000 RPM

Maximum Airflow: 11.93 CFM

Maximum Air Pressure: 4.50 mmH<sub>2</sub>O

Acoustic Noise: 36 dBA

Bearing Type: Sleeve Bearing

Housing Material: PBT UL94V-0 Plastic

Impeller Material: PBT UL94V-0 Plastic

Interface: 3-Wire

Cable Length: 22 cm

YY5010H12S Applications

Primary applications include integration into POSITX industrial control mainboards, CNC spindle cooling systems, and telecom base station power supplies. Deployed within high-density server racks and automated manufacturing control panels to prevent thermal throttling of critical processing units.

## Supplemental Images

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