

FD1260-S3012C ARX 12VDC 0.13A 60x60x15mm Axial Fan Datasheet



SKU: [1044480587892](#)

Category: Axial & Centrifugal Fans

Price: **\$14.50**

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Product Page:

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Product Description

ARX FD1260-S3012C is a 60 x 60 x 15 mm axial cooling fan operating at a nominal 12 VDC with a 0.13 A current draw. The unit features a PBT plastic housing and impeller rated to UL 94V-0 standards, integrated with a sleeve bearing system for horizontal mounting stability. It utilizes a brushless DC motor architecture with a 2-wire lead interface, delivering approximately 18.5 CFM of airflow at a rotational speed of 4000 RPM while maintaining a noise profile of 30 dBA. The internal circuitry includes polarity protection and auto-restart functionality within a compact 15 mm profile.

FD1260-S3012C Specifications

Model: FD1260-S3012C

Brand: ARX

Category: Axial Cooling Fan

Dimensions: 60 x 60 x 15 mm

Rated Voltage: 12 VDC

Operating Voltage Range: 10.2 to 13.8 VDC

Rated Current: 0.13 A

Power Consumption: 1.56 W

Rated Speed: 4000 RPM

Maximum Airflow: 18.5 CFM

Static Pressure: 3.2 mmH₂O

Noise Level: 30 dBA

Bearing Type: Sleeve Bearing

Housing Material: Thermoplastic PBT (UL 94V-0)

Impeller Material: Thermoplastic PBT (UL 94V-0)

Lead Wire: 2-wire (Red +, Black -)

Operating Temperature: -10 to +70 °C

Storage Temperature: -40 to +75 °C

Weight: 35 g

Motor Type: Brushless DC Motor

Insulation Resistance: 10 MΩ at 500 VDC

Dielectric Strength: 5 mA Max at 500 VAC for 1 minute

FD1260-S3012C Applications

Primary applications include integration into network switch enclosures, compact power supply units, and medical diagnostic equipment. Deployed within server rack ventilation modules and industrial control PC chassis to facilitate localized heat dissipation.

Supplemental Images

